IPNET INSTITUTE OF TECHNOLOGY

SCHOOL OF COMPUTER SCIENCE, ELECTRICAL ENGINEERING, RENEWABLE ENERGY, BUSINESS & PROJECT MANAGEMENT

IN-PERSON & E-LEARNING SESSIONS

Winner of the "International Prize for the Most Innovative University in Togo", Year 2022

BACHELORS & MASTERS

BACHELORS

- Artificial Intelligence
- Data Science
- Cybersecurity
- Network Engineering & Security
- Software Engineering
- Web & Mobile Application Development
- Data Science
- Webdesign, Infography & Multimedia
- Information Systems
- Mathématics & Computer Science
- Electrical Engineerinf & Renewable Energy

MASTERS

- Cybersecurity
- Industrial Cybersecurity
- Network Engineering & Security
- Software Engineering
- STrategic Project Management
- Artificial Intelligence & Data Science
- MBA Gouvernance, Audit et Sécurité des Systèmes d'Information
- Master en Intelligence Economique

BACHELORS FOR NON-IT GRADUATES

- Network Engineering & Cybersecurity
- Web Software Development & Digital Marketing
- Web & Mobile Software Development
- Software Engineering

iP Net Institute of Technology — *Next Generation IT Professionals*

SIFA — Skills Initiative for Africa
FC — Financial Cooperation

AUDA-NEPAD — AFRICAN UNION DEVELOPMENT AGENCY

Co-funded by the European Union

german cooperation

KFW

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SKILLS-BASED & IT CERTIFICATIONS

TRAINING PROGRAMS
YEAR 2024

Software Technician – Full Stack Web Developement

- Software Technician - PHP/Symfony Developer
- Software Technician - PHP/Laravel Developer
- Software Technician - PYTHON/Django/Angular Developer
- Software Technician - JAVA/Spring Boot/Angular Developer
- Software Technician - JavaScript Express.js Angular Developer
- Web Development, Infography, Multimedia & Digital Marketing Certificate

Software Technician – Full Stack Mobile Application Developement

- Software Technician - PHP/Laravel/Flutter Developer
- Software Technician - PYTHON/Django/Flutter Developer
- Software Technician - JAVA/Spring Boot/Flutter Developer
- Software Technician - JavaScript Express.js/Flutter Developer

Artificial Intelligence, Data Science & IT Lawyer

- Data Science & Analytics Certificate
- Artificial Intelligence Certificate
- IT Lawyer Certificate
- Artificial Intelligence Challenges & Tools

Networking & Cybersecurity

- Network, Systems & Cybersecurity Administration Certificate
- Cybersecurty Analyst
- Network, Microcomputer, IP Telephony & Videosurveillance Maintenance
- Network Administrator, CCNA
- Microcomputer Maintenance Technician
- Microcomputer & Network Maintenance Technician
- Server 2019 System Administration
- RedHat Enterprise Linux System Administration

Project Management

- IT Project Management Certificate
- Project Management Certificate

Entrepreneurship & E-business

- Digital Marketing Certificate
- Digital Entrepreneurship Certificate
- E-commerce Certificate

Infography & Multimedia

- Infography Certificate
- Infography & Multimedia Certificate
- Adobe Photoshop Certificate
- Adobe Illustrator Certificate
- Videoanimation & Special Effects Certificate
- Video Editing Training
- Desktop Publishing

Cloud Computing & DevOps

- Microsoft Certified Azure Security Engineer
- Microsoft Certified Azure Administrator
- Microsoft Certified DevOps Engineer
- AWS Certified Cloud Practitioner Foundational
- AWS Certified Solutions Architect Associate
- AWS Certified Solutions Architect Professional
- AWS Certified SysOps Administrator, Associate
- AWS Certified Developer Associate
- AWS Certified Security Specialty
- AWS Certified Advanced Networking Specialty

2024
Training Programs

NEXT
GENERATION
IT PROFESSIONALS

IA, Data Science, and ICT Law

- Certificate in Artificial Intelligence
- Certificate in Data Science (Data Analyst)
- Certificate in Information and Communication Technology Law
- Training in Artificial Intelligence: Challenges and Tools

iPNet iXP — The 10 Foundations of Our Innovative Teaching Model.

IiPNet iXP (Innovation, eXperience, Practice), is an innovative and unprecedented higher education system developed by IPNET Institute of Technology. It is based on a unique pedagogy that combines theoretical courses, intensive hands-on training, and professional projects carried out on a full-scale IT infrastructure.

1. **Specialized physical laboratories** (Networks, Systems, Cybersecurity, Electrical Engineering, Renewable Energies, etc.) allow students to work directly with equipment during hands-on sessions.

2. **A full-scale IT network**, continuously accessible both on-site and remotely, enables students to implement their professional projects.

3. **Empowering students' hands-on learning through strategic partnerships**
   - Privileged access for our students to the virtual labs of the world's leading technology firms, enabling them to carry out practical work and student projects
   - Strategic partnerships with the world's leading technology companies and institutions to ensure training that aligns with industry standards

4. Weekly graded hands-on sessions, integrated into all technological course units.

5. **Multiples hands-on projects** to equip students with the skills to solve real-life problems, and to develop creativity and innovation:
   - Three major projects throughout the Bachelor's and Master's programs
   - One project every 3 to 6 months in modular training programs

6. **Coworking spaces** that promote proximity, exchange, and collaboration between students and instructors.

7. An innovative method of engaging with the professional world to boost students' employability and foster entrepreneurship

8. Up to 8 **professional certification courses** (Cisco, Oracle, Microsoft, Huawei, Fortinet, Palo Alto, Red Hat, AWS, ISACA, EC-Council, CompTIA, PMI, etc.) are included in the Bachelor's curriculum, and up to 4 in the Master's program.

9. **Student Project Open House Days (JPOPE):** a showcase of student expertise for recruiters, headhunters, and the general public.

10. **Microsoft Teams Rooms e-Learning systems,** enabling expert instructors worldwide to deliver courses to our students in conditions that replicate in-person teaching

iPNet iXP — Practice at the heart of excellence.

iPNet iXP (Innovation, eXperience, Practice), the technological training model of IPNet Institute of Technology, where innovation, hands-on experience, and intensive practice come together to shape the next generation IT professionals.

IPNET INSTITUTE OF TECHNOLOGY, a reference recognized and rewarded in Africa

Signing of a contract to finance the extension of our infrastructure and provide scholarships for young people from vulnerable groups

The twelve applicants were therefore here to sign their

AUDA-NEPAD
AFRICAN UNION DEVELOPMENT AGENCY

SIFA
Skills Initiative for Africa

FC
Financial Cooperation

Co-funded by the European Union | german cooperation DEUTSCHE ZUSAMMENARBEIT | KFW

On February 14th, 2024, the Managing Director of IPNet Institute of Technology signed a contract with Mrs. Nardos BEKELE-THOMAS, CEO of AUDA-NEPAD (African Union Development Agency), in Addis Ababa, Ethiopia, the headquarters of the African Union, to finance scholarships for young people from vulnerable groups.

The scholarship holders will receive training in highly in demand IT/Digital fields at IPNet Institute of Technology.

This funding will also provide IPNet Institute of Technology with state-of-the-art e-learning infrastructure, enabling expert teachers from around the world to give courses to our students in conditions as if they were physically present in our classrooms.

This funding was obtained following a competition organized by the African Union (AU), during which over 300 projects were submitted in the following 8 countries: Nigeria, South Africa, Ethiopia, Kenya, Togo, Ghana, Tunisia and Cameroon.

Only 12 projects were selected, including that of IPNet Institute of Technology, to receive funding from German cooperation (KFW Bank). The selection criteria were: innovation and employability of the young people trained, quality and relevance of teaching programs and pedagogical practices.

OUR STUDENTS HAVE GENIUS

Three of our students, all in their 2nd year of the Cybersecurity Bachelor's program, went up against the big boys in the final phase of a hacking competition organized by ECOWAS (HACKERLAB ECOWAS 2022), from October 10 to 12 in Cotonou.

Togo's k4ller hacking team, with the Director General of ANCY TOGO (Agence Nationale de Cybersécurité), at the ECOWAS HACKERLAB, 2022 edition.

They ranked 7th in the final phase of the HACKERLAB ECOWAS EDITION 2022 hacking competition, from October 10 to 12, 2022, in Cotonou, Benin.

- ALLASSANI Gbati Manafe
- AHLIDZA E. Komlan
- DZREKE A. Jean Jacques

STRATEGIC PARTNERSHIPS FOR THE BENEFIT OF OUR STUDENTS

Atos

- 3rd largest IT company in France
- More than 110,000 employees worldwide
- Present in 72 countries worldwide, including 10 in Africa

The goal of the partnership

- Recruit our students (internships)
- Recruiting our graduates
- Tells us what technical and behavioural skills our graduates must have

UNB | Canadian Institute for Cybersecurity

- Canadian Public University
- and the Canadian Cybersecurity Institute
- Founded in 1785

The goal of the partnership

- Ensure the technical and pedagogical training of our teachers
- Review our Bachelor's and Master's curricula
- Help our students pursue their studies at their home university

SIFA — Skills Initiative for Africa — FC — Financial Cooperation

AUDA-NEPAD — AFRICAN UNION DEVELOPMENT AGENCY

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german cooperation — DEUTSCHE ZUSAMMENARBEIT

KFW

Because our results speak for us, they finance our development

IPNET INSTITUTE OF TECHNOLOGY

Three international awards in 2 years

African Award for Merit and Excellence, PADEV 2022, Kigali, RWANDA

International award for the most dynamic university in Togo, based on the quality of its expertise, July 2024

IPNET INSTITUTE OF TECHNOLOGY Winner of the International Prize for Togo's Most Innovative University, May 2022

> The "Prix Africain du Développement", abbreviated PADEV, was created by civil society organizations from twelve African countries in 2006, including the FONDATION 225, with the aim of promoting a culture of work, merit and excellence as cardinal values of African society.
>
> Since its creation, this distinction has been awarded each year, and I quote: "to individuals and corporate bodies whose work in their respective sectors, by virtue of their qualities and their impact, constitute models of contribution to the development of their countries, and hence of Africa".
>
> The 17th edition of PADEV took place this year from September 15 to 18 in Kigali, capital of RWANDA.
>
> The PADEV organizers rewarded us for, and I quote:
> - IPNET's volume of business in the digital sector;
> - The impact of IPNET INSTITUTE OF TECHNOLOGY in transferring skills in the various IT fields to African youth;
> - Our leadership in Africa

It was during the "GALA DES 100 ENTREPRISES LES PLUS DYNAMIQUES DU TOGO", an event organized on May 27, 2022 at the Hôtel 2 Février by the international firm ECOFINANCE ENTREPRISES.
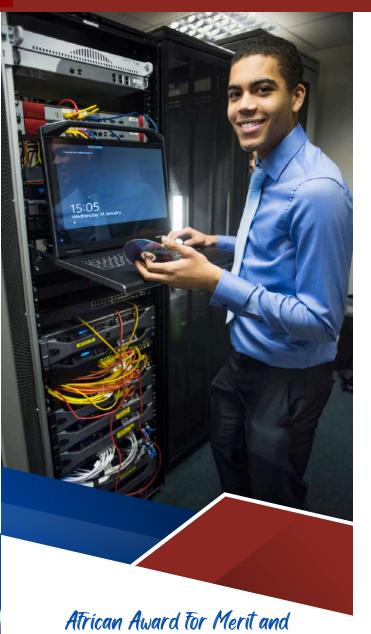The 4 criteria for selecting companies are

- company expertise;
- innovation;
- market penetration capacity;
- and the impact of its activity on the country's economy (combating unemployment through job creation).

State-of-the-art facilities for hands-on training

Our students who take distance learning courses and those who are physically present on campus follow the courses under exactly the same conditions, from the point of view of practical work and professional student projects.

A FULL-SCALE COMPUTER NETWORK DEDICATED TO STUDENTS' PRACTICAL WORK AND PROFESSIONAL PROJECTS

Our full-scale computer network, dedicated to practical work and student projects, is accessible 7 days a week, 365 days a year, to all our students, whether they follow e-learning or face-to-face training.

ACADEMIC PARTNERSHIPS WITH THE WORLD'S LEADING IT FIRMS

Academic partnerships with some of the world's leading IT companies give our students access to their virtual labs and simulation devices for practical work and professional projects:

African Award For Merit and Excellence, PADEV 2022, Kigali, RWANDA

iP Net Institute of Technology | *Next Generation IT Professionals*

CISCO Networking Academy

paloalto NETWORKS CYBERSECURITY ACADEMY

HUAWEI ICT Academy

CompTIA Authorized Partner | ACADEMIC PARTNER

FORTINET Network Security Academy

Red Hat Academy

EC-COUNCIL | ACADEMIA PARTNER

Project Management Institute.

ORACLE Academy

IPNET INSTITUTE OF TECHNOLOGY EN CHIFFRES

Created in 2017, our students come from from 20 African countries

From 24 students in 2017, to 500 students in 2024, we're aiming for 1,400 students at the start of the academic year in October 2027.

14 classrooms equipped with Microsoft Teams Rooms E-learning at the start of the academic year in October 2024

27 classrooms equipped with Microsoft Teams Rooms E-learning at the start of the academic year in October 2026

20 permanent trainers, over 150 external teachers (USA, Canada, France, Germany, etc.)

OUR GOAL

By combining high-quality training with strong collaboration with industry and a commitment to ethical and academic values, we prepare our students to become the next generation of Leaders and Innovators who will successfully meet the challenges of the modern world.

OUR VALUES

INTEGRITY

We are committed to acting with integrity and ethics in all our academic and professional activities, as integrity is crucial to building trust with customers and business partners;

DISCIPLINE & SENS OF RESPONSABILITY

To help maintain high standards of performance and execution;

LEADERSHIP

To encourage initiative and inspiration from other team members;

ACADEMIC EXCELLENCE

We are committed to providing high-quality teaching that meets the highest standards of academic excellence;

INNOVATION

We encourage innovation by supporting creativity, curiosity and intellectual risk-taking in research and learning, to foster competitiveness and the ability to adapt to market changes;

COLLABORATION

We foster an environment of collaboration and knowledge sharing between students, teachers, researchers and industry partners;

INCLUSIVENESS

We value diversity and inclusion by creating a welcoming and respectful learning environment for all members of the community..

FUTURE

CAMPUS OCT. 2026

WWW.IPNETINSTITUTE.COM

SCHOLARSHIPS
SIFA-FW3-80

- Monthly allowance of 80 euros
- Full tuition waived

IPNET INSTITUTE OF TECHNOLOGY

SCHOLARSHIPS
SIFA-FW2-100

- Monthly allowance of 100 euros
- Full tuition waived

SIFA
Skills Initiative for Africa
FC
Financial Cooperation

African Union

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AFRICAN UNION DEVELOPMENT AGENCY

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DEUTSCHE ZUSAMMENARBEIT

KFW

AUDA-NEPAD SIFA SCHOLARSHIPS

The Skills Initiative for Africa (SIFA) is an initiative of the African Union Commission (AUC), supported by the German government, to boost employment prospects for young people in Africa

Networking & Cybersecurity

- Certificat Maintenance Réseaux, Microinformatique, Téléphonie et Vidéosurveillance (9 mois)
- Administrateur Réseaux, CCNA (3 mois)
- Technicien Maintenance Microinformatique (6 mois)

Networking & Cybersecurity

- Cybersecurity Analyst (6 months)
- Network, Systems & Cybersecurity Administration Certificate (15 months)
- Network and Computer Maintenance, IP Telephony & Video Surveillance (9 months)
- Network Administrator, CCNA (3 months)

Bachelors Programs for non-IT Graduates and holders of BTS/DUT in Computer Science

- Networking & Cybersecurity (15 months)
- Web & Mobile Software Development (15 months)

Software Technician – Full Stack Web Development

- Web Software Development, Infography, Multimedia & Digital Marketing Certificate (18 months)
- Software Technician - PHP/Symfony Developer (9 months)
- Software Technician - PYTHON/Django/Angular Developer (12 months)

Infography & Multimedia

- Infography Certificate (6 months)
- Infography & Multimedia Certificate (12 months)
- Desktop Publishing (7 weeks)

HERE ARE THE TRAINING PROGRAMS OPENED TO SIFA-FW2-100 & SIFA-FW3-80 SCHOLARSHIPS FOR THE ACADEMIC YEAR 2024=2025

Selection criteria

- Microsoft Windows 10 Knowledge Test
- Leadership & Motivation Test
- Entry Requirements: BAC II or higher
- Nationality: any African citizen
- Girls/women and young people from disadvantaged backgrounds and vulnerable groups (father and/or mother orphans, students with low-income parents, disabled people)

How to apply?

1. Submit your application online(www.ipnetinstitute.com/#/bourseOnline), or hand in your physical application to the Registrar's Office at IPNet Institute of Technology (see application form).
2. Take a selection test: selection tests will be taken online for candidates who are unable to attend in person at our headquarters in Lomé.

Agenda

1. September 1 to 30, 2024: Collection of applications and preselection
2. October 1 to 5, 2024: Testing of shortlisted candidates
3. October 10, 2024: Publication of results
4. October 15, 2024: Start of courses

iP Net Institute of Technology | Next Generation IT Professionals

Target audience for scholarships funded by AUDA-NEPAD SIFA / KFW

This program is aimed at girls/women and young people from disadvantaged backgrounds and vulnerable groups (father and/or mother orphans, students with low-income parents, the disabled).s de père et/ou de mère, étudiants aux parents au revenu modeste, handicapés)

60% of beneficiaries will be girls/women

PAWOU P. BATANA
CEO, IPNET INSTITUTE OF TECHNOLOGY

IPNet IIPNet Institute of Technology, already halfway between school and high-tech startup incubator! Training intrapreneurs and incubating startups: the key to reducing youth unemployment, in a context where 85% of the jobs of 2030 do not yet exist today.

APPLYING FOR SCHOLARSHIPS FUNDED BY AUDA-NEPAD SIFA / KFW

REQUIRED DOCUMENTS

- Two passport photos ;
- Handwritten cover letter ;
- Curriculum vitae ;
- Legalized photocopy of diplomas obtained;
- Legalized photocopy of transcripts since BAC II;
- Civil status (legalized copies: birth, nationality, ID)
- Application form for a scholarship or exemption from tuition fees
- Proof that parents are of very modest means

APPLICATION

- Applicants for donor-funded scholarships pay no fees to IPNET INSTITUTE OF TECHNOLOGY;
- Obtain your IPNET INSTITUTE OF TECHNOLOGY admission letter;
- All payments to IPNET INSTITUTE OF TECHNOLOGY are made by bank transfer or deposit of cheque or cash to the following bank account:

Bank: CORIS BANK INTERNATIONAL
Account number: 007471424102 - 39
IBAN : TG53 TG18 2010 0100 7471 4241 0239
Swift Code: CORITGTG
Account name: IPNET INSTITUTE OF TECHNOLOGY.