Ilian

Paris (FR)

ilian@iazz.fr

Looking for a

Computer science internship

3 months – between Feb. and August 2024

Portfolio: iazz.fr
LinkedIn: /in/ilianazz
GitHub: /ilianAZZ

EDUCATION

2021 – 2024: Computer Science engineering at Sorbonne Université de technologie de Compiègne (UTC)
Program through apprenticeship, alternating course work and a full-time engineering job over 3 years with a business partner.
⇨ Acquisition of diverse skills in computer science (network, cyber, cloud, algorithms, etc.),
⇨ Acquired expertise in mathematics as well as in social and human sciences.

2019 – 2021: Technical University Diploma in Computer Science at Université Sorbonne Paris Nord (USPN)
⇨ Ranked 2nd out of 140 in the cohort over the entire program,
⇨ Elected Member of the Computer Science Department Council.

PROFESSIONAL EXPERIENCE

Naval Group: French industrial group specialized in naval defense construction.
2021 – 2024: Software designer engineer. In partnership with Sorbonne UTC's engineering degree program:

Development of a high-performance software focusing on scalability and latency, used on military ships:
- Worked under stringent security requirements,
- Collaborated with cross-functional teams.

Active participation in an R&D project on innovative projects:
- Conducted technology research and Proof of Concepts (PoCs), using Python, Java, JS, Sockets…
- Demonstrations to program directors and creating the industrialization process.

Thales: French electronics group specialized in aerospace, defense, security, and land transportation.
April –July 2021: End-of-cycle internship for Technical University Diploma.

Development of a maintenance tracking tool for TALIOS PODs, used on military aircraft:
- Gathered requirements from the department, drafted the specifications, and planned the project,
- Selected technical solutions and created the tool (Python, SQLite, React),
- Conducted unit tests, presented the final product, and trained team members.

Final Grade: **20/20,** with **high honors**

SKILLS

All skills are supported by projects: iazz.fr
Technical:
  Web server: PHP, JS (NodeJS, React), Nginx, Apache,
  Data: ORDBMS (SQL, PL/pgSQL), DBMS NoSQL (MongoDB), VBA,
  Programming: Python, Java (Swing/Fx), Scala, C/C++ (Qt), GoLang,
  System and network administration: Bash, Docker, network fundamentals, OSI, TCP/IP models,
  Concepts: Software architecture, UML Modeling, API, Design Patterns, threads,
  IT Security: Root-me, 1800 points (web, network, programming…).
General:
  Autonomy, teamwork, perseverance, good organization, versatility,
  Project management: GIT, CI/CD, agile methods, Pert, GANTT.
Languages:
  French: native,
  English: Independent, technical operational: TOEIC B2.

PROJECTS

ENT Notifier (personal):

Created an application that notifies the student by email and SMS as soon as a new note is added on his personal account:
- DB, API, Python, Android app,
- Student area with grades.

Website: EntNotifier.fr

Carcassonne (university):

Managed a team of 5 students. Carcassonne game in C++ with Qt: architecture design, gameplay and UML Modeling.
400 hours of personal work.

Final report: iazz.fr/?UTC-carca
Score obtained: 20/20, with honors

AutoPDF (professional):

Developed a VBA macro for mail merging. Automated the conversion of Word documents to PDF with custom naming and email sending.

Project link: here
Time saved: **2 weeks**

⇨ Complete list of projects available on my portfolio: iazz.fr, 'Projects' section on the right.

HOBBIES

Teaching computer science courses for students and professionals, average: 10 hours per week,
Interest in defense, documentaries on society, science, DIY and robotics,
Sports: Swimming, Snowboarding, Mountain Biking,
International Travel: Thailand, Spain, North Africa.