Tobias SAVARY

Looking for a 6-month internship as an
engineer assistant in September 2023

Student in Engeneering, Computer Science
University of Technology of Compiègne (UTC)

Contact

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Expertise

- Python
- C
- C++
- SQL
- Ocaml
- Lisp
- ARM
- HTML
- CSS
- LaTeX

Skills

- Comfortable use of office software (Word / Excel / Paint/ PowerPoint / LaTeX. . .)

- Ease of use for various mobile applications

- Mastery of programming languages : Python, C, C++, SQL, Ocaml, Lisp, ARM, HTML, CSS.

- Car driving license

Activities and interests

- Active involvement in the communication events proposed by the school (Open House, Student Day, presentation of the training to the students of final year in the high schools of the agglomeration)

- Cycling and involvement in various events and sports meetings

- Swimming, Badminton, Table Tennis.

Project

- Creation of board games with Python (Scrabble, Futoshiki)

- Mathematical sets management with Ocaml

- Phylogenetic tree processing, encoding and decoding of encrypted messages, image contours simplification and moving a robot in C

- Coding simple web pages with HTML and CSS

- Object-oriented programming in C++ : design and development of the Machi Koro board game

- Design and implement a database for a veterinary clinic in SQL with a Python interface

- Realization of an expert system in Lisp

Professional experience

- **2022 - present**: Work in the university library (Reception, promotion of digital resources, organization of events. . .)

- **2022**: 2 months excellence internship in the INRIA laboratory in Grenoble in order to realize a graphical interface to develop a game for learning debugging

- **2021**: Professional internship in the Oise departmental services :
    - Multi-skilled administrative assistant - Social Works Committee [COS60]
    - Multi-skilled administrative assistant - Departmental House for Handicapped Persons of the Oise [MDPH60]
    - Receptionist agent - Oise Departmental Housing Information Agency [ADIL60]

- **2017**: Observation internship in computer science at the Digital Department of the Departmental Council

- **2017-2022**: Childcare and private lessons of mathematics and computer course

Education

- **2022**: Master degree in computer engineering expected July 2025

- **2020-2022**: Preparatory training integrated into the Polytech network of engineering schools, backed up by the "Mathematics and Computer Science" courses of the University of Grenoble Alpes [UGA], including cross-disciplinary courses (English, project management, professional exploration, . . .). *Ranking: 120th out of 1,564 students*

- **2020**: Baccalauréat (Serie S - European section English - With Honors)

- **2018**: Cambridge English Certification

- **2017**: National Diploma of Brevet (With Honors)

Langages

- French (Native speaker)

- English (European B2 level),One week immersion in a host family (England)

- German (European A2 level), One week of school exchange (Germany)