Tom Moulard
Software Developer

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Objectives

Seeking to apply my analytical skills to the challenges posed by an internship at your company. Poses proven algorithmic and research abilities that will aid you company in meeting its milestones.

Education

2014-date	**EPITA**, *Computer Engineering*, FR.
2014-date	**UPEC**, *Computer Engineering focused School*, FR.
2017	**BJTU**, *Computer Engineering*, ZH.
2014	**High School diploma**, *Scientific section*.

Work

2018 Full Stack, *Zeodine*, FR, 4 month.
Creating a web site using:
- Back-end: Go;
- Front-end: HTML, CSS, JS and P5.js.

And using: Unit Testing; Acceptance Testing; Automatic Deployment.

2017 Python Developer, *Chinese Environment Ministry*, ZH, 2 month.
Natural Language Processing in Python and graph database management (Neo4j).

2017 Internship, *Orange*, FR, 1 month.
pfsence firewall managing inside an OpenStack cloud (High Availability, tunneling, sorting).

2015 Lifeguard, *Abyssea*, FR, 1 month.

Projects

2019 Web Server, *C++*, link, 7 weeks.
Spider Web Server is a pedagogical project. Spider is an HTTP server

2019 Virtual Switch, *C++*, link, 2 weeks.
Implementation of virtual switch. With a notion of vlans and Port mirroring.

Skills

Languages	**Python, C, Golang, shell**, C#, OCamL, JS, SQL.
Tools	**Docker, GIT, CircleCI, Django, Ansible**, Docker-compose, Unity, MongoDB, Neo4j, MySQL, PostgreSQL, VirtualBox, Agouti, Traefik, Apache.
Markup	LaTeX, HTML, CSS, YAML, toml.
Multimedia	**Word, Excel, Access, PowerPoint**, GIMP, Imagemagick, Inkscape.
Languages	**French, English**, Spanish, Chinese. Native, Fluent (TOEIC: 945/990), Writing and Speaking, Low understanding
Additionnal	**Lifeguard**, *Since 2014*.

Interests

Technology	Open Source fondations; Robotics; drones; physical/digital interfaces; human interaction.
Environment	Social impact and responsibility; influence of technology.
Sports	Swimming; Badminton; Roller.