

# LÉON SAUTOUR

## Software Developer - Développeur Informatique

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### ABOUT ME:

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Highly motivated French / American computer science student currently searching for interesting and challenging internship opportunities. Independent and tenacious, I focus on clean and efficient implementations with a great focus on maintainability.

### EXPERIENCE:

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#### Softworks Ltd.

Software Development Intern | September, 2021 - January, 2022

- Initiated and performed in depth refactoring of existing services with an emphasis on reliability
- Porting data visualization dashboards from Angular.js to Angular V12
- Introduced new maintainability driven styling guidelines

#### PPEForFree.org

Project Lead | June, 2020 - September, 2020

- Project cataloging grassroots PPE manufacturers and suppliers
- Coordinated international open source development effort
- Facilitated inter initiative collaboration and ressource sharing

### PROJECTS:

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#### Glados - Group

- Language used: Haskell
- Basic Scheme interpreter
- Strong CI / CD workflows
- Interactive Repl mode

#### R-Type Game - Group

- Language used: C++
- Cross-platform multiplayer sidescrolling shoot'em up game.
- Multithreaded & asynchronous server
- Custom networking protocol centered around an entity component system.

#### Malloc Implementation - Solo

- Language used: C
- Best fit algorithm implementation with full memory alignment.

#### Arcade - Group

- Language used: C++
- Arcade game implementations with graphical library switching at runtime.

#### Remote Manager - Open Source

- Language used: Rust
- Terminal utility enabling user to interact with various git remotes.

### EDUCATION:

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2020 - 2025 | Epitech Berlin

Master's Program - Expert in Information Technologies

### SKILLS:

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- **C / C++** - Proficient
- **Git** - Fully proficient, >5 years experience
- **Rust** - Intermediate
- **Python** - Intermediate
- **Javascript / Typescript** - Intermediate
- **Haskell** - Intermediate
- **Github** - PR, Actions, Project tracking...
- **Bilingual in French and English**

### INTERESTS:

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- Sailing
- Bouldering
- Linux / Open Source
- Piano
- Traveling
- Reading