

# Stanley Avril

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## Education

### Polytechnique Montreal

August 2023 – 2027

Bachelor's in Software Engineering

## Projects

### Automated Pentesting Tool

React.js, Node.js, Express.js, Flask, Pentesting Tools

September 2024 - Ongoing

View in Portfolio

- **Team Collaboration:** Worked with a team to develop an automated pentesting tool as part of a startup project.
- **Problem Solving:** Created an MVP that identifies and tests web vulnerabilities automatically.
- Leveraged React.js for the frontend, Flask for backend APIs, and Express.js for server-side request handling.
- Integrated pentesting tools to improve testing efficiency and result accuracy.

### Personal Portfolio Website

React, Material-UI

December 2024

GitHub Repository

- **Creativity and Independence:** Developed a modern, responsive portfolio website to showcase professional experience, skills, and projects.
- **Attention to Detail:** Designed an attractive and user-friendly interface for seamless navigation.
- Implemented a contact form to facilitate communication with recruiters.

### Polyscope Website Improvement

React, Firebase, Material-UI

May 2024 – August 2024

View Website

- **Communication and Collaboration:** Contributed to improving the official website of the university journal by designing and implementing new features as part of an Agile team.
- **Time Management and Organization:** Participated in sprint planning, version control using GitLab, and met deadlines to deliver responsive interfaces enhancing user experience.
- Gained experience in Agile development and modern technologies.

## Technologies

**Programming Languages:** Python, JavaScript, TypeScript, JSX, C/C++ , Java

**Frameworks and Libraries:** Express.js, Flask, React.js, Node.js, Material-UI

**Tools and Environments:** Git/GitHub, MongoDB, Firebase, Linux (Ubuntu), Visual Studio Code, Neovim

**Cybersecurity Skills:** Pentesting, SQL Injection and XSS, Reverse Shell, Binary Exploitation, Linux Privilege Escalation, Windows Exploitation

## Experience

### Service Assistant

June 2022 – January 2024

Lakeshore General Hospital & Benjamin-Viger Residence

- **Warm Welcome and Communication:** Greeted and directed clients to the appropriate services.
- **Resource Management:** Stocked supplies and ensured the availability of necessary materials.
- **Versatility and Efficiency:** Ran errands to assist teams on-site.
- **Customer Orientation:** Responded to client inquiries to ensure satisfaction.