Brandon Lucier

SOFTWARE DEVELOPER

✉ me@scet.ch　　🐙 Scetch　　in blucier　　📍 Ontario, Canada

Experience

1Password
SOFTWARE DEVELOPER | TECH LEAD

Remote
Sept 2019 - Present

- **Tech Lead** of the brain; a collection of **cross-platform Rust** crates that handle autofill, save, and field analysis across 1Password products.
- **Collaborated across teams** to add autofill support through use of the brain to Android and macOS apps.
- **Extended the capabilities** of the brain with features such as credit card saving, SSH key autofill and smart password generation.
- Built up **thousands of automated tests** across all aspects of the brain to **prevent regressions** and ensure autofill is as stable as possible.
- Created **documentation** and **fireside chats** for use in onboarding and mentoring new developers.

Bell Canada
STUDENT, ENGINEERING | DEVELOPER

London, ON
June 2019 - Sept 2019

- Developed **bash** and **python** scripts to automate long running server tasks **freeing up hours** of weekly developer time.
- Explored and compared the monitoring tools **Spunk** and **ELK (Elasticsearch, Logstash, Kibana)** for the team.

Centre for Smart Community Innovation
RESEARCH ASSISTANT | SOFTWARE DEVELOPER

Windsor, ON
2012-2014

- **Designed and implemented front-end** web templates for IBM WebSphere Portal, Joomla and Drupal using **HTML**, **CSS**, and **JavaScript**.
- Managed content across various CMS and database systems for both internal and external clients.

Skills

Programming
Rust, Python, C, C++, Java, HTML, CSS, TypeScript, JavaScript, Bash, SQL

Tools / Frameworks
React, Svelte

Operating Systems
macOS, Linux, Windows

Education

University of Windsor
B.S COMPUTER SCIENCE
SOFTWARE ENGINEERING SPECIALIZATION

Windsor, ON
June 2016 - May 2020

Extracurricular

Computer Science Society
VICE PRESIDENT

Windsor, ON
May 2019 - May 2020

- **Elected** representative of over **600 undergraduate students** acting as a liaison between students and the department of Computer Science regarding academic issues, policies, and events.
- **Developed several tools** used by computer science students for course information and events.

Projects

mcping

- An **open source Rust** crate that implements multiple versions of the Minecraft status protocol.
- Created a Discord bot using *mcping* providing **hundreds of students** commands to obtain the status of Minecraft servers used for events.

uWindsorCourseSearchBot

- An **open source** Discord bot written in **Rust** that provides **hundreds of students** commands to search and display course information in chat.
- Scrapes course information from university systems to **build a search index** based on course codes, titles, and descriptions.

Nodus

- A utility Minecraft mod written in **Java** with **millions of downloads**.
- Provided multiplayer game customization using custom graphical overlays, commands, and key bindings.
- Used **OpenGL** to render graphical overlays and custom elements in-game.