

# Brandon Lucier

COMPUTER SCIENCE STUDENT

☎ +1 226-344-6771 | ✉ lucie11a@uwindsor.ca | 📷 Scetch | 🌐 blucier | 📍 LaSalle, ON, Canada

## Experience

### 1Password

RUST DEVELOPER

2019 – Present

### Bell Canada

STUDENT, ENGINEERING

London, ON

Summer 2019

- Develop scripts in **bash** and **python** to automate tasks
- Explored monitoring tools such as **Splunk** and **ELK (Elasticsearch, Logstash, Kibana)**

### Centre for Smart Community Innovation

RESEARCH ASSISTANT

Windsor, ON

2012 – 2014

- Designed and implemented **front-end** templates in IBM WebSphere Portal, Joomla, Drupal, as well as static **HTML** and **CSS**
- Developed **front-end** login and registration pages using **HTML**, **CSS**, and **JavaScript** that interfaced with the custom authentication system
- Cataloged local business information using IBM WebSphere Portal and CIOC databases

## Extracurricular

### Computer Science Society

VICE-PRESIDENT ACADEMIC

University of Windsor

May 2019 - Present

- **Elected** representative acting as a liaison between students and the department of Computer Science regarding academic issues, policies, and events, **representing over 500 undergraduate students**

## Competitions

2019 **CSGames Montréal**  
*Polytechnique Montréal*

2018 **ACM Regional Competition**  
*University of Windsor*

2016 - 2018 **ACM Local Competition**  
*University of Windsor*

2018 **CSGames Quebec City**  
*Université Laval*

2015 - 2017 **Problem of the Week**  
*University of Windsor*

## Education

2016 – PRESENT

### B.S Honours Computer Science

SOFTWARE ENGINEERING SPECIALIZATION

*University of Windsor*

## Projects

### 📄 uWindsorCourseSearchBot

- Discord bot written in **Rust** using the **Discord API**
- Scrapes course information from the University of Windsor website and creates a **search index** based on course code, title, or description
- Provides user commands to query course information from the search index and displays results in chat

### 📄 mcping

- Discord bot written in **Rust** using the **Discord API**
- **Implements** the Minecraft 1.8.8 ping protocol
- Provides user commands to query Minecraft server information such as its name, description, and player count

### Nodus

- Minecraft mod written in **Java**
- Downloaded over **two million** times and used by several thousand active users
- Provided game customization through custom key bindings, commands, and graphical overlays for use on multiplayer servers
- Utilized game exploits to accomplish various tasks
- Graphical overlays are implemented with **OpenGL**

## Skills

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

**Operating Systems** Windows, Linux

## Honours

2017 **Directors Honour Roll**  
*University of Windsor*