Brandon Lucier
SOFTWARE DEVELOPER

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Experience

1Password
RUST DEVELOPER   *2019 – Present*

Bell Canada   *London, ON*
STUDENT, ENGINEERING   *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   *Windsor, ON*
RESEARCH ASSISTANT   *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   *University of Windsor*
VICE-PRESIDENT ACADEMIC   *May 2019 - May 2020*
- **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 – 2020	**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*