

# BRIAN VU

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## EDUCATION

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**University of British Columbia** **Sept 2021 - 2024 (Expected)**  
*Bachelor of Computer Science (GPA: 3.9/4.0)*

**University of Ottawa** **Sept 2014 - Mar 2019**  
*Bachelor of Applied Science, Mechanical Engineering (GPA: 3.9/4.0)*  
Honors: *Summa cum laude*

## EXPERIENCE

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**Procurify** **Vancouver, BC**  
*Software Engineer (Co-op)* **Sept 2022 - Aug 2023**

- Resolved a critical issue impacting our largest *Slack* integration customers by eliminating **100% of cache misses** through reducing the size of cached data by a **factor of 15** using **Python**
- Implemented **machine-to-machine authentication** with **zero downtime** between our microservice and monolith application using signed JSON Web Tokens
- Proactively **prevented data leakage incidents** by developing a custom personal identifiable information mask using **Terraform** to manage our infrastructure as code, effectively safeguarding instances where sensitive customer data was being logged to **AWS**
- Helped achieve **99.9% service uptime** and accelerated incident response time by creating **Grafana** alerts including out-of-memory pod kills, CPU throttling, and instances of high memory usage

**WelTel Health** **Vancouver, BC**  
*Junior Full Stack Developer (Part-time)* **May 2022 - Aug 2022**

- Enabled healthcare experts to **annotate 5000+ conversations** related to the COVID-19 pandemic for use in natural language processing by developing scripts and a GUI using **Java** and **Python**

**Deloitte** **Toronto, ON**  
*Consultant* **Aug 2019 - Aug 2021**

- Placed **first overall** (100+ submissions) in a globally-held internal *Battle of the Bots* competition by developing an automated financial analysis tool and presenting a business case as part of a small team

## SKILLS & VOLUNTEERING

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<b>Technical Proficiencies</b>	Java, Python, Next.js, React.js, Typescript, Node.js, CSS, SQL
<b>Tooling</b>	Git, Grafana, Jira, Postman, Terraform
<b>Volunteering</b>	Peer tutor for <i>Pathways to Education</i> (2020 - 2021)

## PROJECTS

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**Coffee Chat Copilot** **Hack the North 2023**  
**Won the Best Hack Using Genesys award** for our application that transcribes, summarizes, and suggests talking points for your networking conversations. Check out our Devpost: [link here](#).

**Higher or Lower?** **May 2023**  
A desktop and mobile-friendly webgame where the user guesses which article of designer clothing is more expensive. Built in **Next.js** using **Tailwind** and **Typescript**. Check it out: [link here](#).