

# BRADLEY HEBERT

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## Summary

As a Computer Science professional, my journey has spanned across academic studies, innovative startups, and leading corporations, where I've contributed in driving front-end and back-end development projects. My expertise is rooted in a solid foundation of practical technical skills, empowering me to engineer efficient and robust solutions.

With a keen eye for innovation and a relentless drive for excellence, I am committed to leveraging my technical acumen to navigate complex challenges and contribute to the success of dynamic teams.

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## Skills

### Skills

- Computer Security
- Software and Algorithm Design
- Scalable Computing, Scalable Systems
- Machine Learning and Artificial Intelligence
- Neural Networks
- Web Development
- Databases (Relational and Non-relational)
- Networks
- Cryptography and Mathematics
- A11Y – Web and Software Accessibility Standards and Requirements

### Familiar Technologies

- Git
- Jira
- VScode, IntelliJ
- Figma
- React
- NodeJS, NextJS
- Django
- Postman
- Springboot
- Docker

### Languages

- Python
- Java
- C/C++
- HTML/CSS
- JavaScript/Typescript
- Bash
- Assembly

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## Experience

### Consultant – Software Engineer | TELUS – Hybrid | 06/2023 - Current

- Developed and architected aesthetically compelling and functional user interface elements using React and Typescript.
- Designed and implemented detailed testing suites for front-end components in Jest
- Produced documentation for projects and API's
- Conducted thorough accessibility audits and executed requisited modifications to enhance front-end project accessibility and fulfill industry requirements
- Engaged in consultations and the acquisition of intelligence through interactions with external vendors
- Worked on API development with Java and Springboot, ensuring robust back-end solutions
- Developed comprehensive testing suites for both front-end and back-end components, enhancing project reliability
- Actively engaged in Agile development processes, contributing to efficient and adaptive project lifecycles.

### **Software Developer Intern** | Mathmatize - Remote | 05/2022 - 08/2022

- Built visually rich front-end components with React and Typescript.
- Designed and implemented backend models and API endpoints in Django
- Generated efficient, modular and maintainable code on both front-end and back-end.
- Developed comprehensive testing suites for both front-end and back-end components, enhancing project reliability
- Refactor existing code and incorporate tools to ensure WCAG 2.1 web accessibility standards are met
- Educate team members on best practices for efficient and secure code across front-end and back-end codebases

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## **Education**

University of Toronto | Mississauga, ON | Graduated - 05/2023

### **Honours Bachelor of Science**

- Computer Science – Specialist: Information Security
- Major in Mathematics

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## **Websites and Portfolios**

- bradhebert.ca [Portfolio]
  - See <https://bradhebert.ca/projects/> for sample projects of mine
- [www.linkedin.com/in/brad-hebert-89aa70180/](https://www.linkedin.com/in/brad-hebert-89aa70180/)