

Austin Yang

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EDUCATION

University of Toronto (cGPA: 3.85 / 4.00, 2021-2024 Dean's List)

Sep 2021 - Sep 2026

Candidate, Hons BSc – Major in Computer Science, Minor in Statistics and Biology

TECHNICAL SKILLS

Languages: Python, SQL, PL/SQL, R, HTML/CSS/JavaScript, Java, C, C++, C#, Typescript

Front-End: Next.js, React, Angular, JQuery, Astro.Build, Bootstrap, Tailwind, EJS

Back-End: Node.js, Express.js, Spring Boot, Django, Flask, Pandas, NumPy, Matplotlib

Developer Tools: Git, Linux, Google Cloud, Microsoft Azure, Eclipse, NPM, Apache Tomcat, Jira, Docker

Databases: FireBase, MongoDB, PostgreSQL, MySQL, Oracle, GraphDB

WORK EXPERIENCE

RBC - Enterprise Financial & Payments Technology

May 2025 – Present

Software Engineer · Internship

Toronto, CA

- Developed and maintained backend services in a UNIX-based environment using Java and Spring Boot, supporting secure financial transactions and payment processing workflows.
- Collaborated with DevOps teams to build and deploy scalable features for internal financial platforms using Microsoft Azure
- Wrote **100+** unit and integration tests, conducted code reviews, and followed Agile methodologies to achieve **98%** code coverage and reduce production bugs by **40%**

OMERS - Investment Finance

Jan 2025 – Apr 2025

Software Developer · Co-op Internship

Toronto, CA

- Developed RESTful APIs using Microservices architecture with Java and Spring Boot, improving API response times by **20%**
- Deployed and managed applications using Docker and Kubernetes, reducing deployment time by **30%** on cloud platforms
- Implemented dynamic, interactive components using React, improving user engagement and reducing page load times by **15%**

CIBC - Enterprise Technology & Business Management

Jun 2024 – Dec 2024

Software Developer · Co-op Internship

Toronto, CA

- Developed Java-based backend services using Spring Boot, achieving a **20%** increase in application performance
- Implemented Angular frontend interfaces, resulting in a **30%** improvement in user engagement metrics.
- Implemented OAuth with JWT for secure and scalable authentication, ensuring robust user access control and protection

Salesforce

May 2024 – Aug 2024

Full Stack Developer · Part Time

Toronto, CA

- Managed MongoDB and GraphDB, optimizing CRUD operations and data retrieval for complex data structures, achieving a **20%** improvement in query performance and reducing data retrieval times by **30%**
- Implemented a user-friendly dashboard, waitlist feature, and force registering, leading to a **25%** uptick in daily user interactions
- Developed RESTful APIs with Node and Express, improving error resolution by **40%** using Winston and Mongoose

GEOTAB

Jan 2024 – Apr 2024

Software Engineer · Co-op Internship

Oakville, CA

- Created a comprehensive library with **100+** documentation for the Vehicle Tracking Application's code base
- Automated over **20** projects with Python and Docker, boosting department productivity by **30%**
- Developed and maintained the Geo Software that allows over **100K** users to monitor their vehicles, and generate new data sets using C#, JavaScript, and Python

TOYOTA Motor Corporation

May 2021 - Aug 2021

Web Developer · Internship

Tokyo, Japan

- Engineered back-end solutions utilizing Node.js, and PostgreSQL, contributing to an **85%** improvement in response times
- Employed Next.js framework and React to build efficient and performant Front-End interfaces, optimized for fast loading which resulted in a **35%** decrease in page load speed
- Leveraged Git for version control and maintaining code integrity, resulting in a notable **40%** reduction in code conflicts

PROJECTS

Full Stack Online Mall Shopping App | *Java, Software Design, App Development, Firebase, Design Patterns, SDLC*

- Collaborated with a team of 4 to effectively manifest an online shopping app in a mall with **over 100** owners and shoppers
- Constructed the item list where shoppers can see **over 500** items and can add items to their carts using Firebase

Data Visualization Engine | *Python, SQL, HTML, CSV, Pandas, NumPy*

- Developed an extensive database containing **over 10,000** data points on anxiety indicator in **over 50** countries using Python
- Enabled in-depth analysis and created a data collection mechanism to gather data on anxiety indicator from **over 40** CSV files

AWARDS & LEADERSHIP

CIBC - Spark Student Recognition – Awarded to the top performing students for exceptional achievements and contributions.

OMERS - Student Council Leader – Nominated for exemplary leadership and dedication in fostering community engagement