

Eddy Yao

Software Developer
ecyao@uwaterloo.ca | 226.989.0309

SKILLS

PROGRAMMING

C • C++ • Java • Shell • Linux
Python • JavaScript • HTML • CSS

DEVELOPMENT

Agile • Git • Embedded • Android • SQL
Networking • Databases • Automated Testing

EDUCATION

UNIVERSITY OF WATERLOO CANDIDATE FOR BACHELOR'S OF COMPUTER SCIENCE

Expected May 2023 | Waterloo, Ontario
Cumulative GPA: 3.9
Dean's List (All Semesters to Date)
Heavy Advanced / Enriched Placement

DISTINCTIONS

2018 ECOO CS Competition Finalists
2018 Governor General's Academic Award
2016 IEEE Arduino Challenge Champions

LINKS

GitHub:// [GitHub.com/EC-Yao](https://github.com/EC-Yao)
Personal:// EC-Yao.github.io
LinkedIn:// [eddy-yao](#)

EXTRACURRICULARS

2018 Badminton Club Executive
2017 Computer Science Club VP
2016 Debate Club VP
2015 STEM Camp Coordinator

EXPERIENCE

CIENA CORPORATION | SOFTWARE DEVELOPER (CO-OP)

Expected May 2019 – Aug 2019 | Ottawa, ON

- Worked on development for Daemon and driver managers, using primarily C/C++ to handle API calls between corporate frameworks.
- Developed test cases under corporate Python framework, ensuring functionality and robustness of developed features.
- Integrated GoogleTest with several process managers, allowing for unit testing on compile and reducing required test code by over 50%
- Managed JIRAs under an Agile model, supporting versatile and rapid development between several projects and frameworks simultaneously.

INBAY TECHNOLOGIES INC. | ANDROID DEVELOPMENT INTERN

Jul 2017 – Aug 2017 | Ottawa, ON

- Designed Java code for Android applications to support location awareness, allowing for highly accurate usage tracking for business analytics purposes.
- Updated server APIs to process and handle JSON data between client and server applications.
- Integrated Agile methodologies using Git and Atlassian software, providing thorough documentation and code re-usability.

CITY OF OTTAWA | SUMMER INTERN

Jul 2016 – Aug 2016 | Ottawa, ON

- Developed scripts to process sensitive client data, removing manual calculations processes altogether.
- Synchronized data analysis process with coworkers to further improve speed and efficiency.

PROJECTS

AUGMENTED REALITY APP | ANDROID, FIREBASE, ARCORE

Used Google APIs to design an Android app to create and store 3D objects in AR environments.

Integrated Cloud awareness to allow multiple clients access to a shared AR environment.

ECOMMERCE PLATFORM | JAVA, SQL, NETWORKING, GIT

Co-developed an online platform for posting and browsing sales transactions via Android.

Developed personal server and client frameworks to handle networking to support communications and back-end functionality.

VARIOUS WEBSITES | HTML, CSS, JAVASCRIPT

Co-designed club computer science website to promote visibility for club events.

Built a personal website from scratch.