

# Arri Ye

arriye.me

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music-mind

Arri Ye

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## EXPERIENCE

**TD**

**Toronto, ON**

*Information Systems Analyst (Digital & Payments)*

*Sept 2020 - Dec 2020*

- Collaborated with design, analytics, and development teams to better visualize metrics in Adobe Analytics and intake customer pain points from user feedback; led to faster resolution of mobile app bugs
- Improved mobile cheque deposit data analysis with VBA script to be over 7x faster

**University of Waterloo**

**Waterloo, ON**

*Undergraduate Research Assistant*

*May 2020 - Aug 2020*

- Designed and developed data visualization plugin for Jupyter Notebook using Python which allows for more efficient time series data analysis based on ChronoLenses, supervised by Prof. Jian Zhao

**Inkling**

**San Francisco, CA**

*Full Stack Engineer*

*Jan 2020 - Apr 2020*

- Collaborated on the design and implementation of custom SAML Single Sign On/Log Out (SSO/SLO) in a product backend using Scala, which simplified authentication for thousands of users
- Contributed regular code review and backlog work while maintaining test suites; led to cleaner codebase
- Optimized Rainforest processes for 3x reduction in runtimes and lower failure rates from false positives for certain Jenkins CI jobs

**GroupBy Inc.**

**Toronto, ON**

*Full Stack Developer*

*Jan 2019 - Apr 2019*

- Developed PreSales proof-of-concept sites (Grocery, Apparel, etc.) to showcase e-commerce search features using HTML, SASS, JS, and GCloud; led to execution of user specifications and design/architecture improvements
- Led a team of 4 (1 designer, 3 engineers) to fulfill a customized project for a client through the prioritization and coordination of tasks; resulted in delivery within a short period of time

**commonsku**

**Toronto, ON**

*Software Developer*

*Jan 2018 - Apr 2018*

- Created a new client management interface with React and Material UI, and extended backend using Laravel PHP/MySQL and OpenAPI 3.0 Specification to support this flow, which simplified this interaction for users

## EDUCATION

**University of Waterloo**

**Waterloo, ON**

Honours Bachelor of Computer Science, BCS (Co-op) - Human-Computer Interaction

*Sept 2016 - Aug 2021*

**Wilfrid Laurier University**

**Waterloo, ON**

Honours Bachelor of Business Administration, BBA - Marketing

*Sept 2016 - Aug 2021*

## PROJECTS

**PerforMore**



*Dec 2019*

- High-fidelity app prototype for connecting artists to hold pop-up performances

**Accomp-ami**



*Sept 2019*

- React web-app that helps create the perfect song by layering custom recorded sounds (ie. beatboxing)

**Wallai**



*Aug 2019*

- Android app that helps track personal spending fast and efficiently using image recognition

## SKILLS

- **Languages:** JavaScript, TypeScript, Python, HTML, CSS/SASS, SQL, Scala, Java, C, C++, PHP, Racket, VBA
- **Tools/Frameworks:** React, Redux, React Native, Node, Jest, GraphQL, Android, Unity, MySQL, Git/Github, Bash, Jira, Docker, Jenkins, Adobe XD, Figma, AWS, Rainforest, Kibana, Sentry