



Arri Ye


Software Developer | Greater Toronto Area, Canada | Open to Relocation/Remote

 arriye.me

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 music-mind

 Arri Ye

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EXPERIENCE

TD Canada Trust

Sept 2020 - Dec 2020

Information Systems Analyst (Digital & Payments)

Toronto, ON

- Constructed better visualizations of interaction data for over 10 million users in Adobe Analytics platform, and collaborated with design and development teams to identify usage trends to resolve bugs faster
- Improved mobile cheque deposit data analysis with VBA script to be over 7x faster

University of Waterloo

May 2020 – Aug 2020

Undergraduate Research Assistant

Waterloo, ON

- 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

Jan 2020 - Apr 2020

Full Stack Engineer

San Francisco, CA

- Drove the design and implementation of custom SAML Single Sign On/Log Out (SSO/SLO) in content authoring 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.

Jan 2019 - Apr 2019

Full Stack Developer

Toronto, ON

- Developed PreSales proof-of-concept sites (Grocery, Apparel, etc.) to showcase e-commerce search features using HTML, SASS, JS, and Google Cloud Platform; 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

Jan 2018 - Apr 2018

Software Developer

Toronto, ON

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

EDUCATION

University of Waterloo

Sept 2016 - Aug 2021

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

Waterloo, ON

Wilfrid Laurier University

Sept 2016 - Aug 2021

Honours Bachelor of Business Administration, BBA - Marketing

Waterloo, ON

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, R, VBA
- **Tools/Technologies:** React, Redux, React Native, Node, Jest, GraphQL, Android, Unity, MySQL, Git/Github, Bash, Jira, Docker, Jenkins, Adobe XD, Figma, AWS, GCP, Rainforest, Kibana, Sentry