

# Andy Yang

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## WORK EXPERIENCE

### Full Stack Mobile Software Developer Intern

Shareworks by Morgan Stanley

May 2018 – August 2019, Calgary, Alberta

- Assisted in the development of mobile white-label applications for Barclays and Morgan Stanley.
- Built front end architecture using Javascript, React Native, and Redux.
- Worked closely with back-end engineers to maintain the RESTful API consumed by the mobile app.
- Collaborated with UX researchers to implement customized and sophisticated UI components with a strong focus on usability.
- Engaged in a software development workflow involving code reviews, continuous integration, and automated testing in order to ensure the production of high-quality software.

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## EDUCATION

### Bachelor of Science in Computer Science

University of Calgary • Calgary, Alberta • 2021 • GPA 3.0 / 4.0

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## TECHNICAL SKILLS

**Programming Languages:** HTML, CSS, Javascript, React/React Native, Redux, Python, Java, SQL

**Tools and Technologies:** Git, Jira, RESTful API, Bitrise, Unix/Linux, Relational Databases

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## PROJECTS

### KidZone – Media Streaming Service for Children

- Worked as part of a 5 person team to develop a desktop application in C# to provide a media streaming service for children.
- Made with C# and XAML.
- Applied task-centered system design to prototype and create the user interface.
- Built the user interface using XAML in Visual Studio.

### Queue – Food Ordering App

- Designed and marketed a mobile app that provides a food ordering service with a six person team.
- Allows users to order food from vendors and pay directly from the app.
- Assisted in the strategic planning and creation of the business model with fellow team members.
- Prototyped and implemented the user interface using Invisio.

### DineIn – Food Ordering App for Android

- Developed a food ordering application for android devices as part of a three person team.
- Built with Java and SQL.
- Wrote and debugged custom SQL queries.
- Designed the relational database schema with various constraints including primary key and foreign key.