Annie Sun

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WORK EXPERIENCE

Square   **Sep 2022 – Dec 2022**
SWE Intern   *San Francisco, CA*

- Collaborated with designers and other engineers to design and implement a new, more polished card-reordering experience, supporting **2 million**+ merchants who hold **2.6 million** debit cards
- Improved the quality of the codebase by migrating older code from **JavaScript** to **TypeScript,** while updating the code to use a more refined state-management system
- Wrote **100+** unit tests, with mock APIs and routing to test every possible flow the user encounters, ensuring quality code

Reekon Tools   **Jan 2022 – Apr 2022**
Mobile Developer   *Boston, MA*

- Architected and developed a full-stack mobile app from scratch with **React Native**, **Redux**, **JavaScript** front-end and **Amplify, GraphQL** back-end that lets customers organize data they measure from a hardware product
- Designed the UI/UX of the entire app and all potential features using **Figma**, creating **30+** high-fidelity screens
- Demonstrated app online and at tradeshows to **2,500+** customers with an overwhelmingly positive response, leading to a **200% increase** in crowdfunding from the company's last campaign

Enzuzo   **May 2021 – Jan 2022**
Web Developer   *Waterloo, ON*

- Spearheaded dashboard redesign, experienced by **2000+** users, culminating in a **150% increase** in app usage
- Designed the UI and UX of the new onboarding experience using **Figma** and implemented the new features using **React** and **JavaScript**
- Created a new brand identity, illustrating **30+** graphics and icons, used in-app and on promotional material using **Adobe Suite**

Rowin Music   **May 2020 – Aug 2020**
Android Developer   *Remote*

- Worked with a small team to design and develop an Android app that works alongside a hardware product using **Java**

EDUCATION

University of Waterloo   **2020 – 2024**
Computer Science Honors, Human Computer Interaction Specialization   *Waterloo, ON*

- 3.6 GPA

PROJECTS

KoiUI - React-Native, TypeScript, React, Material UI 🔗

- A **React-Native** UI library compatible with **TypeScript** and a styling system as customizable as **Material UI v5**
- Designed and implemented 10+ components with 20+ variants made specifically for small screens
- Created landing page with **React** and **Material UI** which has led to **200+** weekly downloads

Songle - NextJS, JavaScript, Material UI 🔗

- An alternative version of Wordle but for songs, which is customized based on your own music, **100+ players**
- Used **OAuth** for Spotify and designed a smooth website experience based on authentication status

MyMakeupManager – Java, JavaSwing 🔗

- An app that allows people digitalize their makeup collection built using **Java**
- Let's users to add/delete/edit products, in addition to searching, sorting, and filtering their makeup collection

WORK EXPERIENCE

- **Languages:** TypeScript, JavaScript, Java, Kotlin, Python, C, C+, HTML, CSS/SCSS
- **Frameworks:** React, React Native, Redux, Express, Node, NextJS, Ember
- **Tools:** Git, Docker, AWS, Google Cloud, GraphQL, Figma, Adobe Suite