

## Andrew So

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### EXPERIENCE

#### **Jonas Club Software**

**March 2023 – Present**

##### **Software Developer**

- Contributed to the development of a mobile Point of Sale (POS) application for both Android and iOS platforms using Kotlin, Swift, Java, and Objective-C ensuring seamless integration with our back office software.
- Enhanced the performance of both Android and iOS applications by profiling, identifying bottlenecks, and refactoring code, reducing app load time by 30%.
- Collaborated with cross-functional teams (designers, QA, PMs) in an Agile environment, delivering regular updates and new features in sprints.

#### **Ascend Tutoring Service**

**March 2021 – September 2022**

##### **Web Developer**

- Leveraged front-end technologies like JavaScript, HTML, and CSS to design and build a dynamic service website, improving user experience and accessibility.
- Rebuilt the static website into a fully responsive, mobile-friendly application, enhancing functionality across multiple devices and platforms.

### PROJECTS & SELF LEARNING

#### **Founder and Developer – Tournify**

**April 2023 – April 2024**

- Working with a team of 4 developers and 1 designer to build a full-stack web application using React, Express.js, Node.js, and MySQL to manage and host competitive sports events, handling user registrations, match handling, and real-time updates.
- Designed and implemented a RESTful API using Express.js and Node.js enabling real-time communication between the frontend and backend for dynamic data management.
- Designed and structured a scalable MySQL database to manager user profiles, tournament brackets, and match results to optimize performance for high traffic scenarios.

#### **Full Stack Developer – TimeBox**

**November 2022 – April 2023**

- Worked with a team of over 10 developers to build an interactive calendar app using Django for backend services and Reach with JSX for a dynamic, responsive frontend interface.
- Created reusable and modular React components to handle date selection, event management, and calendar views, improving maintainability and user experience.
- Designed a fully responsive and visually appealing UI by leveraging CSS and SASS for styling, ensuring compatibility across devices.

### SKILLS

- Programming: Python (Django), JavaScript (ES6, React, Express.js, Node.js, jQuery), HTML/CSS, Java, Kotlin Swift, Objective-C, PvxPlus
- Database: MySQL, MongoDB

### EDUCATION

#### **Western Governors University**

**January 2024-Present**

*Bachelor of Science – Computer Science*

#### **University of Waterloo**

**2017-2022**

*Bachelor of Science – Bioinformatics, Biology Minor*

**Relevant Coursework:** Computer Science I and II, Concepts for Advanced Computer Usage, Data Types and Structures, Algorithmic Problem Solving