

AUSTIN JIAN

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EDUCATION

University of Waterloo

Honours Bachelor of Computer Science, Co-op

September 2025 – May 2030

SKILLS

Languages: Python, C/C++, Java, Kotlin, JavaScript, TypeScript, HTML/CSS

Technologies: React, Next.js, Node.js, Flask, Flutter (Dart), MongoDB, SQL, JSoup, Tesseract OCR

Development Tools: AWS, Figma, Android Studio, Visual Studio, VS Code, PyCharm, Unity

PROFESSIONAL EXPERIENCE

Software Developer Intern 🔗 | Gemini API, Typescript, React, Next.js, Node.js, SQL June 2025 – Present
Go Place Markham, ON

- Built and maintaining a full-stack platform using **React**, **Next.js**, **Node.js**, and **SQL**, supporting **2000+** daily visitors, **600+** daily customers, and **200K+** registered users
- Managing and scaling a **SQL database** to efficiently handle user data, bookings, and service records
- Developing a chatbot with **Gemini API**, automating real-time customer support, bookings, and FAQs

Software Developer Intern 🔗 | AWS, React, MongoDB, TypeScript, Dart April 2025 – Present
Canadian Youth Champions Toronto, ON

- Building a cross-platform app and web application with a team of 6 interns using **Flutter(Dart)**, **React**, and **AWS**, delivering authentication, profiles, and live event feeds for **500+** users
- Upgrading the website with **React** and **TypeScript**, boosting responsiveness and cutting load times by **45%**
- Implementing a scalable **MongoDB** database to store dynamic content such as user data and upcoming events

PROJECTS

Preppin' – Meal-Planning Business (\$1.5k+ Revenue) 🔗 | Python, Flask, Tesseract OCR, ChatGPT API

- Launched *Preppin'* 🍷, an app that turns grocery receipts & leftovers into recipes via **Tesseract OCR** + **GPT-4**
- Algorithm matches users' macro goals to local grocery deals; each weekly meal plan is approved by a nutritionist
- Developed backend using **Python** + **Flask** with the **OpenAI API** to provide high-quality responses in real time
- Attracted **10,000+** website visits and converted traffic into **\$1.5k+** user subscription revenue

Orbitview – Career Accelerating Service 🔗 | React, Node.js, TypeScript, Python, ChatGPT API

- Built and launched *Orbitview* 🍷, a social media platform to help users network, showcase skills, and land jobs
- Developed an interactive **AI-powered chatbot** that allows users to "talk" to resumes, asking personalized questions and receiving conversational, AI-generated summaries of others' experiences and skills to support informed networking
- Built a tool generating tailored, **ATS-friendly SWE resumes** by analyzing job descriptions and aligning them with user experiences using the **OpenAI API**, improving ATS match scores by **35%+**
- Scaled to **100+** users, pitched to VCs and hackathon judges at SpurHacks, and currently expanding features

HACKR – Tinder For Finding Hackathon Teammates 🔗 | Kotlin, Figma, Jetpack, Android Studio

- Engineered Tinder-style swipe matching using **Kotlin** to pair hackers by complementary skills
- Translated high-fidelity **Figma** designs into pixel-perfect **Android Studio** layouts using Jetpack plugin
- Built the backend to make fully functional customizable chat bubbles and direct messages using **Kotlin**

Visionary – Learning Tool For The Visually Impaired 🔗 | JSoup, Maven, Java, JavaScript, HTML, CSS

- Created *Visionary* 🍷 – a web app that turns online articles into braille, audiobooks, and concise AI summaries
- Implemented **web scraper** with **JSoup/Maven** to reliably fetch and structure article content from any URL
- Generated audiobooks via a Java TTS pipeline and streamed them to users through an HTML5 audio player
- Developed braille translator using **JavaScript** to map Unicode text to tactile patterns and export printable files
- Integrated **OpenAI API** to provide quick and accurate article summaries through a clean interface