AUSTIN JIAN

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EDUCATION

University of Waterloo
Honours Bachelor of Computer Science, Co-op   *September 2025 – April 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

Proteful – App to Keep Protesters Safe (Hack404 1st Place) ↗ | React Native, Expo, Firebase, Typescript
- Built *Proteful* 🔗, a protest safety app with live heatmaps, AI risk analysis, and real-time route guidance
- Saved user-generated hazard reports with photos, notes, and GPS radius using Firebase and React Native
- Integrated Google Maps SDK and joystick-based navigation to preview and compute protest-safe paths
- Designed a custom Dijkstra-based pathfinding algorithm that avoids danger zones using global map data
- Delivered real-time alerts and tips when entering risky areas, with proximity-based risk indexing and notifications

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**