

Kai Jie Lee

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EDUCATION

University of Alberta

Bachelor of Science, Specialization in Computing Science

Aug 2020 – Present

Edmonton, AB

TECHNICAL SKILLS

Languages: Java, Python, C, SQL (Postgres), JavaScript, Kotlin, HTML/CSS, MatLab

Frameworks: React, Node.js, Django, JUnit

Developer Tools: Git, Docker, Android Studio, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Other: Data Structures and Algorithms, Distributed Systems Design, Object-Oriented Design

PROJECTS

QRHunter | *Java, Firebase, Android Studio, Google Maps API* | [Github](#)

Feb - Apr 2023

- Developed an Android Application where users can scan, comment and track uniquely obtained QR codes
- Implemented a nosql Firestore database for storing persistent session information
- Integrated user authentication using device ID following the Model-View-ViewModel design architecture
- Implemented unit tests using JUnit while practicing test-driven-development
- Followed Agile principles in a team of six, worked with Git/Github while scheduling weekly meetings and user stories to keep track of progress
- Developed a scalable and well documented application following the official Android App Architecture

Scrape-to-Notion | *React, Node.js, Chart.js, Notion API, Python, Django* | [Github](#)

June 2023

- Developed a scraper that scrapes and organizes jobs into a Notion page increasing productivity by 200%
- Implemented a Django backend for organizing and analyzing job data
- Built a responsive mobile-first frontend featuring reusable React components
- Integrated Chart.js to create interactive and visually appealing charts showcasing data and trends

ArtistUpdate Bot | *Discord API, Twitter API, Pycord, Python, Docker* | [Github](#)

Apr 2023

- Developed a Discord bot that notifies users when a tracked artists uploads
- Implemented a Firestore database to store list of tracked artists across different servers
- Built a user friendly UI for users to add/delete and view tracked artists
- Used in over 15 servers totalling 200+ users

EXPERIENCE

Crew Member

A&W

Jun - Aug 2022

Calgary, AB

- Learned to work with a team in a high stress environment
- Maintained and updated records of inventory levels, restocking and ordering when needed

Chinese Chess Teacher (Volunteer)

The Chinese Academy

Mar - Apr 2019

Calgary, AB

- Organized and created teaching materials for students aged 5-12
- Managed fee payments

PARTICIPATION

- Member of Google Developer Student Club
- Member of Undergraduate Association of Computing Science
- Member of Alberta Competitive Programming