

EMPLOYMENT

Android and Back-End Developer

Summer 2015 - Present

- Designed and developed Android applications and published them on the Google Play Store, reaching over 500,000 downloads in less than two years.

Campus Ride

Winter 2017 – Spring 2017

- Developed a ridesharing service as a startup project in collaboration with Computer Science professor and twin brother.

EDUCATION

Pomona, CA

California Polytechnic University

Fall 2015 – Summer 2017

- B.S. in Computer Science. Cumulative GPA: 4.0/4.0. Major GPA: 4.0/4.0. Highest honors.

Independent Coursework

CS344: Intro to Parallel Programming (2017) Course created by NVIDIA that teaches parallel computing using the CUDA parallel computing platform and programming model.

AWARDS

- **Summa Cum Laude:** Awarded for graduating Cal Poly Pomona University with GPA above 3.8.
- **Dean's List:** Awarded 8/8 quarters for maintaining GPA above 3.5.
- **President's List:** Awarded twice for qualifying for the Dean's List three times during each academic year.

TECHNICAL EXPERIENCE

Browse my portfolio for a complete list of projects <https://ofirmiron.com/projects>

Find My Parked Car (2016 - Present) <https://ofirmiron.com/findmycar>

- Created Android application to save user's parking location and display it at a later time when needed.
- Developed an automatic parking detection algorithm based on accelerometer and gyroscope activity, or by monitoring a Bluetooth connection.
- Released on Android Wear smartwatches with full functionality and data synchronization with phone.
- Followed the Material Design guidelines to create a simple and functional user experience.

MyPass Password Manager (2015 - Present) <https://ofirmiron.com/mypass>

- Created cross platform application designed to store the user's passwords.
- Implemented strong encryption with Scrypt, password salt, and AES 256.
- Developed Android application using native Android SDK and support libraries.
- Developed and released macOS application using the JavaFX platform with Material Design.
- Integrated Dropbox API for seamless data synchronization across Android devices and Macs.

Campus Ride (2017 - Present) <https://campusrideapp.com>

- Created Android ridesharing application designed to solve Cal Poly Pomona University's parking issues.
- Responsible for developing REST APIs and Websockets using Spring Boot.
- Deployed on AWS EC2 instance alongside a MongoDB database.
- Integrated Google Cloud Platform's Computer Vision API to detect and filter inappropriate content.

TECHNICAL SKILLS

- Programming Languages: Java; C/C++; SQL; Assembly; JavaScript.
- Software: Android Studio; IntelliJ; Eclipse; Unity.
- Frameworks and Tools: Spring Backend; MongoDB; JavaFX; Git; Gradle; Docker; Jenkins.
- Cloud Computing Platforms: Amazon AWS; Google Cloud Platform.
- Version Control: GitHub; Bitbucket.