https://avivmiron.com **AVIV MIRON** contact@avivmiron.com

EMPLOYMENT

iOS and Back-End Developer **Summer 2015 - Present**

- Designed and developed iOS, watchOS and macOS applications and published them on the App Store. Reached over 200,000 downloads in just two years.

Campus Ride **Winter 2017 – Spring 2017**

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

Simplifeye **Winter 2015 – Fall 2015**

- Developed Android Wear and watchOS applications that display relevant patient information to doctors in real-time.

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://avivmiron.com/projects

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

- Created iOS 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.
- Designed the user interface with Material Design in mind for a consistent experience across platforms.

My Batteries (2017 - Present) https://mybatteriesapp.com

- Created iOS, watchOS, and macOS applications that display the user's device batteries. The user receives notifications when devices run out of battery.
- Successfully integrated Apple Push Notifications that periodically activate macOS and iOS devices to execute background processes.
- Implemented Apple Watch background refresh tasks and watch face complications.
- Designed an algorithm to efficiently distribute periodic Apple Push Notifications across thousands of devices.

TECHNICAL SKILLS

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