Tyler Nijmeh

Computer Programmer

Passionate about crafting efficient solutions to complex problems.

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Education

- ❖ California State Polytechnic University — Pomona **Aug. 2020 — In progress**
  - ➢ Bachelor of Science, Major in Computer Science; Minor in Data Science
  - ➢ Made the Dean's List for Fall 2021 & Spring 2022
  - ➢ GPA: 3.9/4.0

Experience

- ❖ Community Gardens — Pomona, CA **Mar. 2022 — Present**
  - ➢ Leading a team in building a cross-platform mobile app for providing crop and weather information to clients.
  - ➢ Built a tool for our embedded systems to perform automated maintenance and recover from lockups without human intervention.
  - ➢ Presented at Cal State Tech Connect 2022 with our team.
- ❖ Self Employment **Aug. 2017 — Present**
  - ➢ Published nearly 50 apps to the Google Play Store; most of the apps are free and open source under a BSD 2-Clause license.
- ❖ Contracting **Jul. 2021 — Aug. 2021**
  - ➢ Built an Android app for a client closely in-line with their expectations.
  - ➢ Managed time and resources efficiently, managing communication with a complicated time zone arrangement.

Projects

- ❖ LADB: An Android app that grants administrator privileges to users without requiring a computer, which is particularly useful for individuals in low-income countries.
- ❖ Issh: A low-level netcat-based communication protocol with as much as 10x lower latency than OpenSSH.
- ❖ Sprocd: A full server implementation for input file processing with several clients, built to handle errors and unexpected events safely.

Skills

- ❖ Skilled in: Bash, Dart, Flutter, Kotlin, Python
- ❖ Frameworks and tools: Agile, BS4, Coroutines, Data Binding, Firebase, Firestore, Git, GitHub, GitHub Actions, Glide, Gradle, Integration Testing, MVVM, Makefile, Matplotlib, Numpy, Pandas, Provider, RegEx, Retrofit, RxJava, SQL, SQLite, Selenium, SharedPreferences, ShellCheck, Unit Testing, XML, YAML