

Tyler Nijmeh

Computer Programmer

Passionate about crafting efficient solutions to complex problems.

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Education

- ❖ California State Polytechnic University — Pomona **Aug. 2020 — May 2024**
 - Bachelor of Science, Major in Computer Science.
 - Dean's List for Fall 2021 & Spring 2022.
 - GPA: 3.9/4.0.
 - Graduated summa cum laude.

Experience

- ❖ Community Gardens — Pomona, CA **Mar. 2022 — Apr. 2023**
 - Built a scalable, cross-platform mobile app to provide crop and weather information to clients.
 - Learned Agile development and IoT tools with help from Amazon Web Services Solutions Architects.
 - Built a tool for our embedded systems to perform remote maintenance and recover from lockups.
 - Presented with our team at Cal State Tech Connect Conference, 2022.
- ❖ Self Employment **Aug. 2017 — Present**
 - Published ~50 apps to the Google Play Store; most are free and open source under the BSD 2-Clause license.
 - Offered free and personal technical support for my apps via email.
- ❖ 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 little as 10x less latency than OpenSSH.
- ❖ Sprocd: A full server implementation for data processing with several clients, built to handle errors and unexpected events safely.
- ❖ IEP Calculator: A tool to help speech-language pathologists schedule referrals and assessments with their students.
- ❖ Countless other completed projects.

Skills

- ❖ Experienced in: Bash, Dart, Flutter, Kotlin, Python.
- ❖ Frameworks and tools: Agile, BeautifulSoup, 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.