

## Objective

Seeking a position as a mobile developer that feeds my personal passions: beautiful and magical user experiences, music, internet of things, mobile gadgets, travel, learning and self improvement.

## Highlights

**Expedia, Inc.:** Senior developer on a "Top Developer" team on Google Play Store

**Phone.com:** Created & published Android app that added 20% to user base in 4 months

**Andie Graph:** Personal app on Google Play Store. 1.1M downloads

**Open Source:** maintains projects on GitHub, JCenter, npmjs.com

27 years programming experience (**since age 8**): 15 professional, 20 with mobile devices

## Qualifications

**Development:** Android, Java, Git, Kotlin, RxJava, Javascript, Perl

**Platforms:** Android, iOS, OSX, Ubuntu, Raspberry Pi

**Hardware:** Arduino, Particle.io, NFC, Home Automation, Bluetooth

Extremely well **organized** and **reliable**

Keen sense of "what's next"

Logical thinker and problem solver

## Professional

### Expedia, Inc. (Mobiata, LLC)

Senior developer on a team that has grown from 5 to ~20. Team is a Google Top Developer and sustains Play Store Editor's Choice designation. Responsible for key parts of [Expedia Bookings](#) app for Android. 10M+ downloads. Contributes to [FlightTrack](#) app.

*Senior Android Developer* (November 2011 - Present)

- Personally developed high visibility launch screens on tablet & phone
- Development incorporates multiple languages, points of sale, and white labels
- Works closely with world class designers to implement cutting edge UI effects
- Implemented industry first use of parallax scrolling technique

### Digium, Inc. - San Diego, CA

*Senior Android Developer* (February-November 2011)

- Developed Switchvox Mobile app using a developed back-end API in 2 months.
- Working on Android-based hardware device. Involved with all aspects of development from UI design and software engineering to lower-level hardware decisions and OS implementation.

### Phone.com - Poway, CA

Lead developer of the team responsible for building phone.com from the ground up. Played a vital role in the design and development of both Perl based front-end UI and Asterisk/Ubuntu based back end VoIP architecture. Passionately campaigned for the development of a mobile strategy. Responsible for adding 20% to user base in 4 months, through Android app.

*Lead Engineer / Mobile Products* (January 2010 - February 2011)

- Responsible for setting mobile strategy: Mobile Web, Android, BlackBerry, iPhone
- Developed mobile web front-end for online control panel
- Developed server API for customer access to Phone.com database. 1k active users
- Developed Android app using server API. 14k downloads in 7 months
- Development of iPhone app using server API is in progress
- Assisted third party developer with BlackBerry client using server API

*Lead Developer* (January 2008 - January 2010)

- [www.phone.com](http://www.phone.com)

## TierraNet, Inc. - San Diego, CA

Stepped above and beyond the original hired role to make a significant impact on the company. Responsible for many company-wide process improvements which increased dev team productivity. Kept the company up to date on industry trends.

*Lead Developer* (October 2006 - September 2010)

- Significant technological improvements: Firefox (vs. IE4), vim (vs. vi), basecamp, Ubuntu (vs. FreeBSD), hiring a graphic designer, Subversion, Memcached, MVC pattern, API pattern
- [www.tierra.net](http://www.tierra.net)

*Perl Web Application Developer* (February 2002 - October 2006)

- LAMP web applications

## Personal

### Android Developer

*Android development experience started with work on Master's thesis.*

June 2009 - Present

- Andie Graph - Emulator of the popular TI graphing calculators (TI-83, TI-85, TI-86). Over 1.1M downloads. Open Source. ([Play Store](#)) ([GitHub](#))
- UPnP Browser - Fills a gap and solves a problem. Open Source. ([Play Store](#)) ([GitHub](#))
- MorphClock - Simple and beautiful bedside clock. Open Source. ([Play Store](#)) ([GitHub](#))
- Boxee Remote - Contribution to an open source project on Google Code. 22k downloads ([Play Store](#)) ([Google Code](#))

### Open Source Community Member

*A lifelong passion for computers, programming, and mobile devices is demonstrated by community involvement.*

1987 - Present

- AndieGraph ([GitHub](#))
- Android-ShareEverywhere ([GitHub](#))
- Android-UPnP Browser ([GitHub](#))
- Android-MorphClock ([GitHub](#))
- Contributes to other open-source projects: [wemo-client](#), [hellocharts-android](#), [pimatic](#)
- Community Meetup group member ([link](#))
- Contributes to StackOverflow ([link](#))
- Posts to Medium ([link](#))

## Education

### **San Diego State University, San Diego, CA**

2007 - 2010

- MS, Computer Science, 3.88 GPA
- Thesis work involved the development of a natural language learning tool using Google Translate and Android

### **University of California, San Diego, CA**

1998 - 2002

- BS, Computer Engineering, 3.33 GPA

### **Wm. S. Hart High School, Newhall, CA**

1994 - 1998

- Honor Scholar, Graduated 14 of 475, 4.28 GPA

