

## Education

**Bachelor of Science** **University of Southern California** **August 2012 - May 2016**

- Majored in Computer Science and Computer Engineering
- Awarded full tuition merit scholarship
- Graduated *cum laude*. Major GPA: 3.73; Cumulative GPA: 3.58

## Work Experience

**Software Engineer** **Thumbtack Inc.** **September 2016 - Present**

- Developed and launched full-stack components of Thumbtack's brand new in-product payments solution
- Led a cross-team initiative to plan the integration of payments with a newly launched messaging microservice
- Technologies used: *JavaScript (ES6), AngularJS, jQuery, HTML/CSS, Sass, PHP, Golang, PostgreSQL*

**Software Development Intern** **Bloomberg LP** **May 2015 - August 2015**

- Designed and developed a reusable analytics component for the Bloomberg Terminal to visualize trade data
- Leveraged Apache Solr to perform previously impractical database queries easily and in real-time
- Technologies used: *JavaScript (ES6), Apache Solr, Python, Comdb2 (In-house SQL database)*

**Applications Development Intern** **Tesla Motors** **May 2014 - August 2014**

- Designed and developed proofs of concept for Tesla's in-house assembly line management software
- Conceived of and built a custom form generator in AngularJS to increase development speed and simplicity
- Technologies used: *JavaScript, AngularJS, jQuery, WinJS, HTML/CSS, ASP.NET MVC, SQL Server*

**Software Development Intern** **Manning & Napier Advisors** **May 2013 - September 2013**

- Developed browser-based applications for daily use by over 500 employees
- Performed thorough quality assurance to verify compliance with government regulations (i.e. Sarbanes-Oxley)
- Technologies used: *C#, WPF/XAML, Informix, Microsoft Test Manager*

## Freelance Software Projects

### Powerup CRM - Filer's Powersports

A customer relationship management system allowing inbound sales leads to be easily assigned and monitored. Developed in close collaboration with the business owner and management team, Powerup CRM increases the accountability of the sales staff, ensures timely follow up with customers, and improves closure rates for electronic leads.

Technologies used: *JavaScript (ES6), React, jQuery, Node.js, Express, Webpack, Mocha/Chai, MariaDB, HTML/CSS*

### Gemma Project Management - Indoor Air Technologies

A project management system developed for a nationwide leader in HVAC maintenance. For over 4 years, Indoor Air Technologies has used Gemma to manage job crews, payroll, report generation, expenses, and project status.

Technologies used: *JavaScript, jQuery, PHP, MySQL, HTML/CSS*

### Customer Care Portal - Penguin Marketing Group

A customer management and billing solution which has processed over \$300,000 in credit card and Paypal sales. The system is integrated with a third party telecommunications system to automatically credit user accounts.

Technologies Used: *JavaScript, jQuery, HTML/CSS, PHP, MySQL*

## Technical Skills

**Languages:** *Proficient:* Java, JavaScript (ES6), PHP, HTML/CSS; *Previous Experience:* C/C++, Golang, C#, Python, SQL

**Frameworks & Tools:** AngularJS (1.x), React, Node.js, Express, Mocha/Chai, Webpack, jQuery, ASP.NET MVC, Sass, Git

**Miscellaneous:** Server administration (Apache/IIS/nginx), database design, service oriented architecture, token-based authentication, quality assurance, networked applications, socket programming, source control