

Paul Lucas

Software Engineer

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Work Experience

- 2016 ● Capital One – National Small Business
Senior Software Engineer – San Francisco, CA
- Lead front-end development for Spark Business using AngularJS
 - Cultivated a production support triaging team that covered the full Spark Business stack and cleaned up the defect backlog as well as reduced the rate of new defects
 - Created and deployed Spark Business' first NodeJS microservice using Restify, Docker and AWS ECS
 - Collaborated closely with business and design to devise and implement a redesign of the Spark Business onboarding flow
 - Implemented Mixpanel tracking to help accurately guide future product and design choices

- 2014 – 2015 ● Capital One – Financial Services
Software Engineer – Plano, TX
- Developed an internal ticketing and tracking system for the Legal Department using AngularJS and Java
 - Co-wrote a decisioning framework in Java using Spring and the Akka Framework that was used in production applications
 - Built an iOS home search application in Swift

- 2013 ● Capital One – Retail Card Technology
Associate Software Engineer – Richmond, VA
- Created an internal Salesforce recruiting application using Facebook's Graph API

- 2011 – 2012 ● Visteon
Software Engineer Intern – Romulus, MI
- Developed and delivered an Android application to Ford, measuring vehicle performance using bluetooth and OBD2 protocols
 - Filed a patent under my name for an autonomous vehicle data recorder that is used for post-collision analysis
 - Launched a driving simulation in Unity with C# to help present new near-car communication technology

- 2011 ● Lucas Applications
Founder – East Lansing, MI
- Created an Android application titled **Text Bomber** that sold 1,000 copies and had 9,000 free downloads before being taken off the Google Play Store due to an amendment of their terms of service
 - Released two other Android applications on the Google Play store: **Remoto** and **Stock Stalkers**

School

University Of Michigan

Computer Science Engineering

Graduation: August 2014

Core Classes:

Data Structures and Algorithms (C++)

Database Management Systems (SQL)

Cryptography (C++)

Network Security (Various)

UI Design (QT, C++ and Android)

Technologies

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|-----------|---|---|---|---|---|
| AngularJS | ● | ● | ● | ● | ● |
| NodeJS | ● | ● | ● | ● | ● |
| Express | ● | ● | ● | ● | ○ |
| Angular2 | ● | ● | ● | ○ | ○ |
| Android | ● | ● | ● | ○ | ○ |
| Java | ● | ● | ● | ○ | ○ |
| Swift | ● | ● | ○ | ○ | ○ |

Favorite Tooling

MacOS, Webstorm/IntelliJ, Jira, Git/Github, Docker, AWS, Gulp, Pug, Typescript, and Webpack

Other

Development at Capital One:

Conducted over 50 job fit and 5 behavioral interviews.

Hosted technical interview workshops at various college campuses

Intern site lead and mentor for San Francisco and Plano locations

Additional Activities at Capital One:

Helped to maintain a component library for all Spark Business UI development

Facilitated scrum activities in my team including groomings and retrospectives

Worked with the Harris Foundation to select and setup an LMS for their RockIt! program