

# Spencer Shadley

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## EXPERIENCE

### **Bizler, Austin, TX**

February 2016 – Present

Co-Founder and Lead Developer

Stealth Startup

Lead backend developer, technology expert and SCRUM master for a team of four

Created a cross platform RESTful API (consumed by Android, iOS and Web)

Using the MEAN (mongoDB, Express, AngularJS, Node.js) stack

End-to-end involvement of product development

### **Android > Apple Company, Austin, TX**

August 2011 – February 2016

Founder and CEO

Develop mobile applications for Android and Blackberry

Published in Google Play Store, Amazon AppStore, Nook Apps, Blackberry, SlideME, Opera, GetJar, Appia Stores

50,000+ total downloads

Amazon "Free App of the Day"

### **PayPal – Global Operations Architecture Team, Austin, TX**

Architect Intern

Clickable Architecture Project

Converted static images from PayPal's development wiki pages into live UML diagrams

Featured inline comments, granular permissions and subscription updates to changes

Completed and in production 11 weeks ahead of anticipated completion

Unified Alerts Project

Aggregated emailed alerts asynchronously in real-time to unify disparate alert systems

Single-page web app using the MEAN stack

Featured RESTful APIs, SSL, live chat, Asynchronous JavaScript and JSON (AJAX) and responsive design

### **IBM – Software Group, Austin, TX**

May 2014 – August 2014

Software Development Intern

Programmed and designed an end-to-end web application to use Reference Data as a Service (replacing several systems)

Written in Java, JavaScript, HTML5, CSS3 and SQL

Node.js and shell scripts published JSON data from a SQL relational database to a non-relational NoSQL Cloudant database

Deployed on BlueMix with RESTful APIs

### **Garland Independent School District (GISD), Garland, TX**

May 2012 – August 2013

Course Author and Advisor

Authored Mobile Application Development course to fill a gap in the STEM curricula

Taught in all high schools of GISD (1,000+ students annually)

Produced a flashable system image for the GISD computer network (28,000+ systems)

## PROJECTS AND LANGUAGES

### **Projects**

Developed an Android app to scan and run hand-written code as part of a four person hackathon

Deployed a website teaching Android development (100,000+ views)

Constructed a school district course exception system using Oracle APEX

Implemented 256-bit Advanced Encryption Standard (AES)

Built two websites for the City of Austin to display local pool and trail data on a map

Wrote a Pascal compiler to convert source Pascal code to executable assembly

Created an operating system including threads, virtual memory and file systems

Developed Linux password cracking algorithm (fastest in Foundations of Security course's history)

Programmed Huffman Compression and extended encoding entropy with variable symbol size

### **Languages**

Proficient in Java, JavaScript, C++, C, SQL, HTML5, CSS, JSON, XML, JSP

Familiar with Shell Scripting, x86 Assembly, Lisp

## EDUCATION

**The University of Texas at Austin, B.S. in Computer Science**, Minor in Mathematics; CS GPA 3.8 / 4.0

August 2016

## MORE INFORMATION

### **GitHub Profile**

github.com  
/spencer-shadley



### **Personal Website**

spencer-shadley  
.github.io



### **LinkedIn Profile**

linkedin.com  
/in/spencershadley

