Spencer Shadley

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EXPERIENCE

Tableau – Move to the Web, Seattle, WA   September 2016 – Present

Senior Software Engineer (January 2019 – Present)

- Drove the decision to remove Internet Explorer support from all products, estimated to save $8.3 million per year
- Partnered with several teams to fulfill ownership gaps, ultimately establishing a new team
- Collaborated with Lake Washington Institute of Technology to add Tableau to the "Applications of Big Data" course
- Lectured at Lake Washington Institute of Technology on Big Data, Data Analytics and Tableau
- Mentored teams new to web development as well as an intern
- Worked on various performance projects to improve page load time and interactions on the web
- Created a system on Tableau Server to open the user's current workbook, retaining session edits, on Tableau Desktop
- Expanded keyboard shortcuts into a TypeScript module to be consumed in more of Tableau's products
- Fostered the Browser Client Community as the Browser Community of Practice Driver (3/15/19 – present)
- Security Champion (1/1/18 – present), Foundational Advisory Board Member (1/1/18 – 6/10/19) and Scrum Master (4/2/18 – 6/10/19)

Software Engineer (September 2016 – January 2019)

- Unblocked eight figure contracts by enabling creating 31 key datasources from the web, which was marketed as the top release highlight
- Integrated Service Workers and an App Manifest to make Tableau a PWA with early results showing a page load time decrease of 36%
- Built a platform for creating keyboard shortcuts which was used to add 81 new shortcuts and initiated 100,000+ times by customers
- Represented web developers on the Foundational Advisory Board, discussing potential technologies and infrastructure to adopt
- Mentored a team new to web development as well as an intern
- Scrum Master (4/2/18 – 6/10/19) and Security Champion (1/1/18 – present)

Bizler, Austin, TX   February 2016 – February 2017

Co-Founder, CTO, Lead Developer and Scrum Master

- Co-founded a company of five people to improve the experience of socializing at remote business conferences
- Architected the applications, including deciding relevant technologies such as Azure, ElasticSearch, Docker, TypeScript and Mocha
- Implemented cross platform RESTful APIs using MongoDB, Express, AngularJS and Node.js (MEAN)
- Designed the mobile and web application user experience, flows and desired features

Android > Apple Company, Austin, TX   August 2011 – February 2016

Founder and CEO

- Developed mobile applications for Android and Blackberry across in various stores
- Received 100,000+ total downloads and selected as Amazon's "Free App of the Day"
- Created a free website for teaching Android development, generating 100,000+ views

PayPal – Global Operations Architecture Team, Austin, TX   May 2015 – August 2015

Architect Intern

- Converted images into live UML diagrams which was completed and in production 11 weeks early
- Unified alert systems with a single-page MEAN web app with SSL, live chat and responsive design

IBM – InfoSphere Master Data Management, Austin, TX   May 2014 – August 2014

Software Development Intern

- Built a BlueMix web application to replace several systems using Reference Data as a Service

Garland Independent School District, Garland, TX   May 2012 – August 2013

Course Author and Advisor

- Authored Mobile Application Development course to fill a gap in the STEM curricula which is taught to 1,000+ students annually

PROJECTS AND LANGUAGES

Projects	Created a visualization of anime data based on scraped information from MyAnimeList.net
	Developed an Android app to scan and run hand-written code as part of a four-person hackathon
	Deployed a website for learning Android development with 100,000+ views
	Built two websites for the City of Austin to display local pool and trail data on a map
Languages	Proficient in C#, TypeScript, JavaScript, Java, C++, C, HTML5, CSS, JSON, XML
	Familiar with SQL, Shell Scripting, Python, JSP, x86 Assembly, Lisp
Technologies	Node.js, React, Service Workers, Redux, Jasmine, Jest, Enzyme, git, perforce, MongoDB, Angular, Yarn

EDUCATION

The University of Texas at Austin, B.S. in Computer Science, Minor in Mathematics; CS GPA 3.8 / 4.0   August 2016