

Spencer Shadley

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EXPERIENCE

Tableau – Move to the Web (MttW), Seattle, WA

Senior Software Engineer

January 2019 – Present

Partnered with several teams to fulfill ownership gaps, ultimately establishing a new team
Drove the decision to remove Internet Explorer support from all products, saving an estimated \$8.3 million per year
Expanded keyboard shortcuts into a TypeScript module to be consumed in more of Tableau's products
Created a system on Tableau Server to open the user's current workbook, retaining session edits, on Tableau Desktop
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
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 a MttW 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 the Google Play Store, Amazon AppStore, Nook Store and Blackberry
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