

Kenneth Bigler

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Professional Experience

Ernst & Young

2018 – Present

Frontend Software Engineer, Global Innovation Ventures (GigNow) Team

- Helped build startup ventures within EY, leveraging agile methodologies and developing primarily in React
- Added new features which helped scale the application to over double its users, contracts, and countries
- Implemented Mixpanel Data Tracking to provide business analytics to the Product Development team
- Started initiatives to implement Hot Reloading, stricter ESLint configurations, Storybook, and React Router
- Technology*: React 16, Storybook, React Router 4, Recompose, Jasmine, ES2016, JavaScript, HTML, SASS, CSS

Cisco Systems

2017 – 2018

Full Stack Software Engineer III, Core Software Group

- Developed web applications to process and display data on network health and analytics
- Created numerous Proof of Concept integrations with Cisco DNA-Center and several acquisitions
- Wrote Time Series Analysis Pipelines to create aggregations of network packets over a fixed or rolling window
- Technology*: React 15, React Router 4, Java 8, Moment, ES2015, JavaScript, HTML, SASS, CSS, Bootstrap 4

Equalia, LLC

2016 – 2017

Frontend Software Engineer, Hoverboard Technologies Team

- Developed multi-platform software tools to view riding statistics of the hoverboard stored in AWS
- Managed a team in India creating the Android app, and tested the app by creating realistic data simulations
- Programed the LED light patterns around the rim of the Hoverboard
- Technology*: Angular 1, AWS, Python 2, JavaScript, HTML, SASS, CSS, Bootstrap 3

Tesla

2015 – 2016

Full Stack Software Engineering Master's Intern, Supply Chain Team

- Developed web applications to track all welds on the Model X and Model 3, improving vehicle safety
- Improve the accessibility and responsive design of existing web applications and websites
- Technology*: Angular 1, ASP.NET 2.0, C#, SQL, JavaScript, HTML, SASS, CSS, Bootstrap 3

Midnight Game Club, LLC

(Spare Time) 2014 – 2015

Frontend Software Engineer

- Managed a team of 3 developers to create functional web games from mockup images
- Technology*: JavaScript, HTML, CSS

NetApp

2012 – 2015

Frontend Web Developer (Contractor), HR Solutions and Process Enablement Team

- Developed web applications to enable various HR processes and managed task assignment on web projects
- Supported CMS systems including WordPress and Joomla, as well as generated graphics in Photoshop
- Technology*: Angular 1, JavaScript, HTML, CSS

Volunteer Leadership

Second Harvest Food Bank – Volunteer Team Leader

2010 – Present

- Instruct and supervise between 10 and 40 volunteers regarding food sorting, packaging and distribution

Education

Santa Clara University, Santa Clara, CA

GPA: 3.7

Master of Science Computer Science and Engineering | Software Engineering Emphasis | **2016**

Bachelor of Science Computer Science and Engineering | Mathematics Minor | **2015**

- Clubs** ACM (Vice President), Order of the Engineer, Salsa Clara (Captain), Intramural Sports (Captain)
- Honors** Dean's List, Upsilon Pi Epsilon, Tau Beta Pi