Kenneth Bigler

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Professional Experience

Ernst & Young – Senior Frontend Engineer, Global Innovation Ventures (GigNow) Team   **2018 – Present**
- 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 – Software Engineer III, Core Software Group   **2017 – 2018**
- 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 – Software Engineer, Hoverboard Technologies Team   **2016 – 2017**
- 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 – Applications Developer Master's Intern, IT Applications   **2015 – 2016**
- Developed web applications to track all welds on the Model X and Model 3
- Improve the accessibility and responsive design of existing web applications and websites
- Gathered requirements and created software tools to track weld joints on vehicles, improving vehicle safety
- Technology: Angular 1, ASP.NET 2.0, C#, SQL, JavaScript, HTML, SASS, CSS, Bootstrap 3

Midnight Game Club, LLC – Web Application Developer   (Spare Time) **2014 – 2015**
- Managed a team of 3 developers to create functional web games from mockup images
- Technology: JavaScript, HTML, CSS

NetApp – Web Technologist Contractor, Solutions and Process Enablement   **2012 – 2015**
- Developed web applications to enable various processes and managed task assignment on web projects
- Presented status of projects with upper management and provided solutions on how to resolve roadblocks
- Migrated between CMS's, supported new Intranet, and 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**
- **Honors Societies**   Upsilon Pi Epsilon (Computing and Information) | Tau Beta Pi (Engineering)
- **Clubs**   Association for Computing Machinery (Vice President) | Order of the Engineer
- **Honors**   Dean's List (Top 10% of GPAs)