



# Andrew Kyu

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## SKILLS

**Languages:** HTML, CSS, JavaScript, Python, C, C++, Swift4, Verilog

**Tools:** Node.js, Express.js, React.js, MongoDB, Mongoose, Passport, Bcryptjs, Body-Parser, Firebase, Bootstrap, Materialize CSS, CocoaPods, Git Version Control, Adobe XD

## EMPLOYMENT HISTORY

### Talari Networks

June 2014 – August 2014

*Network Engineering Intern - Raleigh, North Carolina*

- Installed and maintained numerous servers and sites by utilizing networking equipment such as Cisco Catalyst 2960-S switches, Palo Alto Networks PA-500, and the Talari T5000 SD-WAN appliance to serve as testbenches
- Enhanced efficiency by analyzing and formulating solutions to helpdesk tickets, which yielded to a 30% decrease in redundancy

### Talari Networks

September 2014 – Current

*Web Development & Technical Support Intern - San José, California*

- Collaborated with the IT team during our office migration to install a new and secure network infrastructure
- Analyze and provide solutions to cyber security threats or technical difficulties to ensure that computing devices are performing optimally
- Facilitated the networking needs between Talari Networks and Swim.AI by communicating closely with Swim.AI's Software Engineers and executing accordingly with the rest of the IT team of Talari Networks
- Achieved a 25% increase in views to Talari's webpage by introducing modern website styling, interactions, and converting images to code, which led to SEO improvement

### Telemetry - <https://github.com/AndrewKyu/Telemetry>

June 2018 – Current

*Frontend Software Engineer Remote Intern - San José, California*

- Collaborate in a scrum team environment to build an open source software for SJSU students to inspect, visualize, and modify variables in an embedded system
- Refined the frontend UI/UX of Telemetry by enabling a section of the application to collapse when the Telemetry Feedback checkbox is unchecked

## PROJECTS

### Portfolio Website (HTML, CSS, JavaScript) – <https://andrewkyu.com>

June 2018

*Web Page Designer*

- Refined the web page layout and design by using Bootstrap's layout grid and components to create a more elegant UI
- Stimulated more contacts for the website by creating a contact form using various Node dependencies such as Body-Parser, Express, Express-Handlebars, and Nodemailer

### DevNet (HTML, CSS, JavaScript ES6) – <https://github.com/AndrewKyu/DevNet>

June 2018

*Full Stack MERN Engineer*

- Designed the database model and backend APIs to handle the routing interactions between the client, router, and database
- Transformed and decreased the application runtime by incorporating React.js framework to make the website component-based to handle the frontend

### SCE Project Core-V4 (HTML, CSS, JavaScript)– 3-People Project (Private Repository)

February 2018

*Officer Application Page Designer*

- Developed a skeleton design for the website for the team by integrating components of Bootstrap and Materialize CSS
- Integrated functionality of SCE's Officer Application Page by storing all information from the form into a JSON object to send to server via POST request

## EDUCATION

**San José State University, CA**

Expected Graduation: May 2019

*Bachelor of Science concentration in Computer Engineering*