

JOHN TRAN

San Jose, CA



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<https://github.com/joohhn>

EDUCATION

San Jose State University

Aug 2015 - Present

- B.S. in Computer Science, expected graduation – December 2019 (**3.939/4.0 GPA**)

Coursework

- Data Structures and Algorithms
- Object Orientated Programming
- Operating Systems
- Parallel Processing
- Information Security
- Big Data Solutions
- Discrete Mathematics
- Linear Algebra
- Statistics and Probability

KEY SKILLS

Languages: Java (Proficient), JavaScript (Proficient), HTML/CSS (Proficient), SQL (Basic), C/C++ (Basic), Python (Basic)

Tools and Libraries: Git (Proficient), Github (Proficient), React (Proficient), Bootstrap (Proficient), Redux (Basic),

Node (Basic), Express (Basic), Apache Hadoop/Spark (Basic), Amazon Web Services (Basic)

TECHNICAL EXPERIENCE

- **Software Engineering Intern** — Cisco Systems, Inc. Jun 2018 - Aug 2018
 - Implemented back-end C/C++ web server code enabling client language change
 - Modernized web client codebase with package management, React, and ES6+
 - Trimmed web client production build size by over 75% via bundling, minifying, caching, and compression
 - Developed Webex Teams bot that notifies users of Git repository activity via GitHub's API
 - Collaborated in a scrum software development framework
- **Software Engineering Intern** — Xenio Systems Dec 2017 - Jun 2018
 - Designed React-based developer tools and customer facing web applications
 - Integrated web applications with back-end services for data visualization and analytics
 - Enhanced codebase infrastructure with error checking and reduced production build size
- **Computer Science Grading Assistant** — San Jose State University Aug 2017 - Jun 2018
 - Evaluated introductory Java code for over 100 students
 - Provided constructive criticism and meaningful feedback for student reflection
- **University Rover Challenge Robotics Team Member** — San Jose State University Aug 2016 - Jun 2017
 - Contributed in cross-disciplinary team atmosphere encompassing science, software, and hardware
 - Created rover map and telemetry control applications via HTML, CSS, JavaScript, and Git

OPEN SOURCE PROJECTS

- **Strongr.io:** Web application that generates weightlifting schedules based on user's strength level
 - Built user-facing logic and design with React and Bootstrap
 - Deployed application with Node/Express on Heroku
- **js-algorithms** and **java-algorithms:** Projects detailing properties and applications of specific data structures and algorithms implemented in their respective language
 - Incorporated solutions for popular questions on *Leetcode* and *Cracking the Coding Interview*

ADDITIONAL EXPERIENCE AND SERVICE

Eagle Scout Award, Boy Scouts of America

(2015)

Summer Volunteer Tutor, Read Write Discover

(2013, 2014)

Bilingual in Vietnamese