

# JOHN TRAN

San Jose, CA



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<https://github.com/joohhn>

## EDUCATION

San Jose State University

(Fall 2015 – Fall 2019)

- BS in Computer Science, Minor in Economics - **3.939/4.0 GPA**

## Coursework

- Data Structures and Algorithms
- Object Orientated Programming
- Operating Systems & Computer Architecture
- Parallel Processing
- Information Security
- Discrete Mathematics
- Calculus
- Linear Algebra
- Statistics and Probability

## KEY SKILLS

**Languages:** Java (Proficient), JavaScript (Proficient), HTML (Proficient), CSS (Proficient), SQL (Basic), C/C++ (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 - Present
  - Developed Webex Teams bot that notifies users of Git repository activity via GitHub's API
  - Performed internationalization and localization on the web client of Webex Share, a video teleconferencing tool
  - Modernized Webex Share's web client to React and ES6+
  - Trimmed web client production build size by over 75%
  - 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
  - Optimized codebase infrastructure for run-time speed, bundle size, and error checking
- **Computer Science Grading Assistant** — San Jose State University Aug 2017- Jun 2018
  - Evaluated Java code for over 100 students in regards to object-orientated design
  - Constructed 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:** 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 and 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