

# NEVAN SAMADHANA

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🔗 [github.com/nsamadhana](https://github.com/nsamadhana)

## EXPERIENCE

### Northrop Grumman

#### Autonomous Center Design of Excellence (ADCoE) Software Engineering Intern

📅 June 2019 – Aug 2019 📍 Rancho Bernardo, CA

- Built X Plane-11 plugin in C++ that parses/renderes DIS protocol network packets allowing pilots to interact with external entities
- Supported the upgrade of an in-house MFC-based GUI maintenance trainer application written in C++ to a more modern web-based JavaScript application with Bootstrap
- Utilized Atlassian toolset in an Agile work development
- Team lead for project status and results presented to senior management and leadership

### Additive Rocket Corporation

#### Software Engineering Intern

📅 July 2018 – April 2019 📍 La Jolla, CA

- Created a crawler that monitors company projects and documents individual contributor errors (JavaScript)
- Automated company project folder tree creation while auto populating project overview documents through a user friendly Google form (JavaScript)
- Developed a file transfer system using mongoDB and node.js

### The Coder School

#### Coding Coach

📅 June 2017 – Sept 2017 📍 San Mateo, CA

- Instructed weekly coding camps to youth aged 6-14
- Taught programming fundamentals in Python/Java/Scratch along with simple web design HTML/CSS/JavaScript

### Kay Plant Foundation

#### Lab Assistant

📅 Sept 2016 – Dec 2016 📍 Santa Cruz, CA

- Analyzed/dissected plants living in serpentine soil
- Recorded plant samples using Excel

## ACHIEVEMENTS/HONORS

- 4x Deans List Recipient at UC Santa Cruz
- MVP/Team Captain Aragon High School Basketball Team (2015 – 2016)
- PAL South Division Second Team All-League (2015 - 2016)

## EDUCATION

Bachelor of Science  
Computer Science

Expected Graduation December 2020

### University of California, San Diego

📅 Sept 2018 - present 📍 La Jolla, CA

## ORGANIZATIONS

### Triton Prosthetics

#### Software Engineer

📅 Fall 2018 📍 La Jolla, CA

- Supported development of dexterous hand/finger movement utilizing myoelectric sensors and arduinos

## PROJECTS

### Fast Fingers

- Utilizes Selenium to automate words per minute typing test
- Bypasses user verification anti-cheat test to place score on community leader board

### Helping Hand

- Google App Script that automates Cover Letter development
- Targets/replaces strings and saves copy to users Google Drive
- Used by fellow students at UCSD

### nsamadhana.github.io

- Personal website for portfolio use
- Implemented with HTML/CSS/JavaScript

## SKILLS/LANGUAGES

Python, Java, C, C++, JavaScript, HTML, CSS, Lua, Selenium, Verilog, node.js, VR-Forces

Mandarin, Indonesian, Malay