

# CHADD ARTAUD

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## EDUCATION

### University of Nevada Reno

August 2016 – May 2020

Bachelor of Science in Mechanical Engineering - GPA 3.2

### UC San Diego

October 2021 – December 2021

Java Certification Program

March 2022 – Present

Full Stack Certification Program

## CAREER SUMMARY

Graduated with a Bachelor of Science degree in Mechanical Engineering from the University of Nevada Reno and successfully passed the Fundamentals of Engineering (FE) and Certified SolidWorks Associate (CSWA) exams. I have experience creating numerous full stack applications, both collaboratively and solo, where I showcase my knowledge in front and back end technologies.

- *HTML/CSS/JavaScript*
- *Web APIs*
- *Node.JS*
- *Object Oriented Programing*
- *Express.js*
- *SQL*
- *React*
- *Computer Science*
- *Eagle Scout*

## HIGHLIGHTS OF PROJECTS

### Projects:

- Tech Blog – A CMS-style blog site similar to a Wordpress site, where developers can publish their blog posts and comment on other developers' posts as well.
- E-Commerce – The back end for an e-commerce site with Express.js API to use Sequelize to interact with a MySQL database. The database contains tables for the categories, products and tags. All three tables are connected together using a product-tag table.
- Crime Watch – A group project I collaborated on with three others that allows the user to search a city and return a map showing all recent crimes in that area. One of my roles for the project was to write the logic for retrieving the data returned from the crime API we used and filter the data to the map using custom icons for each crime.
- To view additional projects, please view my GitHub account @ <https://github.com/cartaud>

## EMPLOYMENT HISTORY

### Mechanical Engineering

Thermo Fisher Scientific – San Diego, CA

May 2019-August 2019

- *Mechanical Engineer Intern* - Designed a neutron flux monitoring calibration system using SolidWorks and created the software for it using LabView. Original system was obsolete so I collected a list of all required parts, made new drawings of the chassis and backplane PCB using SolidWorks and selected updated hardware that met the required specifications

Huntington Ingalls Industries – San Diego, CA

November 2020-Present

- *Engineer I* - Troubleshooting mechanical and electrical systems, writing detailed contracts, and supporting the navy. Wrote a program that reduces the amount of time by over half that our boat surveyors spend writing assessments on the boat. The program uses JavaScript and takes minimal input from the user to generates a full technical assessment of the boat being surveyed.