

# Oceane Andreis

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## Education

### University of Colorado Boulder, CO

Bachelor of Arts, Computer Science (May 2020)

Master of Science, Creative Technology and Design (Expected Graduation: May 2022)

## Skills

- HTML, Bootstrap, CSS, SASS, JavaScript, C/C++, C#, Git, Python, Linux, Heroku, Firebase, React, P5.js, SQL, Docker, Final Cut Pro, Adobe Creative Suite, Code Review, Testing, Assembly

## Experience

### SOFTWARE ENGINEERING INTERN | 05/2020 to Current

#### Hitachi ABB Power Grids - Broomfield, Colorado

- Extended C# API to process different type of forecast data from a postgres database. Pair programmed and unit tested while improving the architecture of the API.
- Designed the Front-End end with React and Rechart to display data from an API.

### LAB ASSISTANT | 01/2021 to Current

#### University of Colorado Boulder - Boulder, Colorado

- Designate time outside of class each week to provide students with skilled help on various HTML, CSS, and JavaScript projects. Responsible for grading finished projects and giving constructive feedback to students on both the technical and aesthetic aspects of their assignments.
- Lead students through lab assignments designed to teach the fundamentals of web development. Additionally, create learning resources to accompany recitations and provide additional code examples to supplement lecture materials.

### COMPUTER SCIENCE INSTRUCTOR | 08/2020 to Current

#### Create and Learn - Remote

- Teach students from 2<sup>nd</sup>- 10<sup>th</sup> grade the basics of Scratch programming in virtual classrooms that allow students to create a program of their own design. Encourage children to develop critical thinking skills through an approach emphasizing a growth mindset.

### SOFTWARE ENGINEERING INTERN | 08/2020 to 11/2020

#### Bellevue - Boulder, Colorado

- Successfully expanded the capabilities of an existing data processing pipeline to handle new stock market data from an FTP server. Utilized C# in the initial data grabbing and processing then employed SQL to create stored procedures pushing new data to a Microsoft SQL Server.
- Through Git, pushed finished code to Gerrit, which allowed my team to view the modifications before approving or requesting changes to the existing data ingester.

## Projects

### AAPAPI Data Visualization | 4/2021 - Current

- Programmed a website to display valuable and clean data about the AAPAPI community. Utilized Altair to graph the charts and used HTML, CSS, and JavaScript to showcase it.
- Worked with my team through git and deployed the project with Firebase.

### Reveler | 03/2021

- Coded and Designed a Google Chrome extension for people who are blind by using wireframing and Figma. Implemented the Front-End (HTML/CSS/JS) during a 24-hour hackathon.