

Jonathan Nguyen

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Education

University of California, Santa Cruz

September 2021 – July 2024

Bachelor of Science – Computer Science

GPA: 3.9

Personal Statement

Computer Science enthusiast. Passion for coding and expanding knowledge. Strong work ethic and problem-solving skills. Motivating team member, able to collaborate with others. Aspiring software developer.

Professional Experience

Mathnasium

Nov 2021 – Current

Tutor

Santa Cruz, CA

- Teach students a range of concepts from algebra to calculus
- Practice team teaching as well as proactive engagement and disengagement
- Assist students in the Mathnasium curriculum to gain a better understanding of mathematics fundamentals

Prelim

Jul 2020 – Current

Intern

Stockton, CA

- Expand connections with banks across the U.S
- Sort and organize data into spreadsheets using Microsoft Excel
- Create applications and forms for customers with the Prelim UI built with React and Node.js
- Map data from applications to fields on PDF's to auto populate accordingly on completion

Projects

Data Visualizer – React.js, CSS

- Creates Bidirectional Graphs corresponding to user input/data
- Breadth First Search feature animates the process of the algorithm
- Accepts uploads of JSON files for quick visualization of large datasets.

Discord Q&A Bot – Python

- Utilizes Natural Language Processing to identify questions and search for similar questions that have already been asked
- Helps prevent large servers and members from repeatedly asking and answering the same questions

Skills

Java
CSS

Python
React

JavaScript
Data Mapping

Swift
Adobe Prepare Tool

HTML
GitHub