

Jonathan Nguyen

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Education

University of California, Santa Cruz

September 2021 – July 2024

Bachelor of Science – Computer Science

GPA: 3.9

Professional Experience

Mathnasium

Nov 2021 – April 2022

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 – March 2022

SWE Intern

Stockton, CA

- 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

Intel

Jun 2022 – Current

HPC Data Center Intern

Santa Clara, CA

- Monitor and manage health of servers in Intel datacenter through Linux
- Implement backend for Red Light Project providing a digital view of all datacenter status
- Deploy new bundles to ensure servers are patched and have up to date BIOS.

Projects

Meetcode – React.js, CSS, Express.js, Node.js, MongoDB, Socket.io

- Pairs random users, allowing them to tackle common coding interview questions together
- Backend built with Node.js and Express.js; Acts as an auth API with private routes for each user
- Supports direct messaging and a collaborative editor for live updates of code on both user's ends.

Discord Q&A Bot – Python, Discord.py

- Utilizes Natural Language Processing to identify questions asked in channels and send links to past questions that may be similar
- Helps prevent large servers and members from asking and answering questions that have already been addressed

Skills

Java
CSS

Python
React

JavaScript
Data Mapping

Swift
Adobe Prepare Tool

HTML
GitHub