

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

Intel

June 2022 – Present

HPC Data Center Engineer

Santa Clara, CA

- Monitor and manage Intel Datacenter to maintain healthy servers with Linux terminal
- Work with Intel engineers to enhance server performance and HPC responsibilities
- SSH into Intel servers to power cycle, modify permissions, and update BIOS

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

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

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
C/C++

HTML
GitHub