

Jonathan Nguyen

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Education

University of California, Santa Cruz

September 2021 – December 2023

Bachelor of Science – Computer Science

GPA: 3.8

Professional Experience

Intel

Jun 2022 – Current

HPC Data Center Intern

Santa Clara, CA

- Implement the backend for Red Light Alert which provides digital access to the health status of a given Data Center
- Automate the daily Bulk reports run by the HPC Patching team across all sites
- Assist in development for Self-Retrieval Tool to automatically bring up servers that are reported as down.

Prelim

Jul 2020 – March 2022

SWE Intern

Stockton, CA

- Organize client information into excel spreadsheets for easy contact and quick reference
- Build digital applications in the Prelim interface using React and Node.js
- Map fields from digital applications to the corresponding PDF fields to automatically generate usable documents

Projects

In the Kitchen – React Native, Express.js, MongoDB, Socket.io, Elastic Beanstalk, Google API

- Product owner for Agile/Scrum managed project that provides global information on pickleball courts
- Provides users with the ability to navigate to selected courts using Google Routes API
- User Authentication for a personalized experience with personal profiles, home feed, friends, and direct messaging via Sockets

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 Sockets 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
React Native

Linux/Unix
C/C++

HTML
GitHub