

# Jonah Kulakofsky

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## EDUCATION

### Bachelor of Science in Computer Science

University of California, Santa Cruz

Expected June 2021

### Certificate in Computer Science

West Valley College

May 2019

## RELEVANT COURSEWORK

Abstract Data Types and Algorithm Analysis	Java Programming
Artificial Intelligence and Music	Machine Learning
C++ Programming	Principles of Computer Systems Design
Computational Models	Probability and Statistics
Computer Architecture	Software Engineering
Computer Networks	Web Applications
Computer Systems and Assembly Language	

## PROJECTS

### Qu (TypeScript, HTML, CSS, SQL)

September 2020 - Present

- Real time collaborative playlist web application designed for easy group listening
- Full stack development utilizing SQL for session storage, vue for the front end, and docker to create a platform agnostic development environment

### HTTP Server (C++)

December 2020

- Created a single threaded HTTP server in C++ with backup and recovery capabilities
- Deals with GET and PUT curl commands on valid files

### Grateful Dead Discord Bot (JavaScript)

June 2020

- Developed a discord bot that provides information on the Dead and gives links to concerts within specified years using discord.js

### Virtual Piano (HTML, CSS, JavaScript)

January 2020

- Created an online piano interface where the user can play a certain range of notes from a browser
- Implemented a mini game where the user guesses a pitch and it keeps track on a scoreboard

### To Do List (C)

December 2019 - January 2020

- Demonstrates and implements a doubly linked list data structure to maintain and manipulate a to-do list

## TECHNICAL SKILLS

<b>Coding Languages</b>	C/C++, Java, Python, HTML, CSS, JavaScript
<b>Development Environments</b>	Visual Studio Code, IntelliJ, PyCharm, XCode

## WORK EXPERIENCE

### BandPad

Tel Aviv, Israel

Front End Developer Intern

June 2020 - August 2020

- Remote work developing musical education games with JavaScript and HTML5 using Phaser

### Mission Dry Cleaners

Santa Cruz, CA

Dry Cleaner

September 2019 - November 2020

- Worked in the process of dry cleaning clothes and other items
- Helped with customers and handled the front of the shop

### Mountain Winery

Saratoga, CA

Food Service

June 2017 - September 2018

- Prepared the venue and restaurants for each concert
- Collaborated with a team on the best and most efficient way to get food out to customers