

Alec Narkizian

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EDUCATION

UNIVERSITY OF CALIFORNIA-SANTA CRUZ, Santa Cruz, CA

Computer Science Bachelors June 2022

- Data Structures and Algorithms
- Computer Architecture
- Artificial Intelligence
- iOS Programming
- Web Applications
- Com Sys/Assembly Lan

EXPERIENCE

SAGE DIGITAL, PALO ALTO, CA

Software Engineering Intern, Jun 2019 - Oct 2019

- Worked under founder and CEO Samir Arora
- Key contributor in user interface design through collaboration with the engineering team
- Planned and created HTML emails
 - System emails, external invites, notifications, and personalized recommendations

SKILLS

Proficient in Python

Experience with Java, C/C++, HTML/CSS, Swift, Assembly, Git, Windows, Mac, and Linux

Projects

Matrix calculator

- Created a calculator in C, capable of performing fast matrix operations i.e. addition, subtraction, multiplication, and division that exploits the (expected) sparseness of its matrix operand

Search in Pac-Man

- Built general search algorithms in Python for Pac-Man to find paths through their maze world and reach a particular location and to collect food efficiently. Algorithms include, DFS, BFS, UCS, and A*

Personal webpage

- Designed and implemented a custom webpage using HTML and CSS
<https://alecnarkizian.github.io/>

Assembly Graphics

- Implemented functions that perform primitive graphics operations i.e. changing the background color of the display, and drawing horizontal and vertical lines on the simulated display