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
- Assembly Language

EXPERIENCE

SAGE DIGITAL, PALO ALTO, CA
Software Engineering Intern, Jun 2019 - Oct 2019

- Handled digital operations under the guidance of Founder and CEO Samir Arora
- Key contributor in user interface design through collaboration with the engineering team
  - Gave feedback on UI to ensure user engagement, by removing unintuitive pages and features
- Developed and managed user facing email campaigns
  - System emails, external invites, notifications, and personalized recommendations

LANGUAGES / SKILLS

Python**,** 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 a simulated Pac-Man to find paths through their maze world to collect food efficiently and reach a particular location. 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 in MIPS Assembly that perform primitive graphics operations on a simulated display i.e. changing the background color, and drawing horizontal and vertical lines