

Anthony S Protho

Junior Software Engineer

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EDUCATION

The Dominican University of California, San Rafael, CA (Temporarily Remote)

B.S. in Applied Computer Science (2021)

SKILLS

Proficient: Python, Javascript | *Intermediate:* Typescript, APIs, C/C++. | *Experience:* NoSQL/SQL, GraphQL, Swift, GoLang.

APPLICATIONS BUILT

Trilliant.ai

San Francisco, CA (Remote)

React.js - *Git Master/Design Lead*

Aug 2020 - Dec 2020

- Collaborated with a team of 4 to design and scale a company website, updating it to create a clean design meeting the client's needs.
- Contributed to the website's search algorithm using tags and filters to help users search the website's catalog. Managed all commits to the repository.

Knuckles (Python, PyGame - *Backend Developer*)

- Introduced Software-based UI/UX using Tkinter and PyGame, to give users an interactive experience, allowing users to create their own mazes.
- Formulated an A* Pathfinder which improves on Dijkstra's by finding a solution to the user's maze faster.

C.H.D. (C++, Audrino - *Hardware Engineer*)

- Built CHD (pronounced Chad), inspired by a personal interest in hardware, through hacking Christmas lights enabling them to flash to the beat of the music.
- Scoped and prioritized project requirements and deadlines to ensure the 2-week deadline was met.

EXPERIENCE

Avina Campus

Philadelphia, PA (Remote)

Front End Lead - *Early Employee*

March 2021 - Current

- Implemented adjustments to legacy code and designs resulting in 100+ bug fixes and shortening the expected demo release date by 3 months (for user testing), resulting in a promotion to Front End Lead.
- Working closely with the EdTech Co-owners, organized and developed project plans, creating an easy way for our engineers to manage tasks in international time zones, and was offered the CFO position.

Make School

San Francisco, CA (Temporarily Remote)

Front End Web - *Teacher Assistant*

Aug 2020 - Jan 2021

- Promoted a class of 240 students' growth by helping them develop and debug their engineering projects - which were in an abundance of different technologies such as HTML, CSS, Bootstrap, SASS/SCSS, Node.js, Python, Django, MongoDB, and Flask.
- Improved comprehension of programming concepts preventing 5 students from failing their courses by reviewing, and teaching computer science concepts.