

Christian Anthony Tabile

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EXPERIENCE

A.I. Tech, LLC

Jun. 2021 – Ongoing

- Configured a reverse proxy for a server for port forwarding to localhost as well as redirect all http requests to https using Nginx
- Assisting with basic IT tasks and client/server maintenance

Polyn8, Inc. (startup)

Feb. 2018 – Aug. 2018

Electrical Engineer, Intern

Sacramento, CA

- Collaborated with a team of 2 to develop a prototype controller used for power management and power cycling in remote systems
- Mined Ethereum and Bitcoin using GPU clusters and bitminers
- Conducted research and development on blockchain architectures and applications, such as Ethereum smart contract deployment

SKILLS

Software: (*familiar*): C/C++, Python, Git, macOS, Linux (*basic*): JavaScript, HTML/CSS, SQL, MATLAB, Eagle, OrCAD

Soft: Attention to detail, Collaboration, Communication, Willingness to learn

EDUCATION

Washington State University

Aug. 2016 – May 2019

Bachelor of Science, Electrical and Computer Engineering

- Awards & Achievements: Washington State University President's Honor Roll, 2016-2018; Scott Fund for Academic Scholarship, Spring 2018; Second Place in Senior Design Competition, Spring 2019;
- Relevant Coursework: ASIC/Digital Systems Design, VLSI Design, Microprocessor Systems, Computer Architecture, Fundamentals of Digital Systems

PROJECTS

Cyber-Physical Security Device

Aug. 2018 – Apr. 2019

- Cooperatively developed an alpha stage cyber-physical security prototype utilizing technologies provided by Pacific Northwest National Laboratory to monitor environmental changes for remote unmonitored systems
- Ensured a balanced workload amongst the design team by organizing deadlines and
- Iteratively designed, developed, and debugged a beta prototype by integrating Agile methodologies and Eagle CAD automation software, effectively improving upon the alpha stage design by reducing sensor redundancy and minimizing overall form-factor
- Spearheaded web server and frontend UI development to present relevant sensor outputs in an organized manner to users

Cryptomining Farm

Mar. 2018 – Jun. 2019

- Maintained 40 cryptominers by monitoring fan speeds and uptime and calculating monthly power consumption costs by determining daily kWh usage
- Ran 00 gauge wire approximately 15 yards for installation of a CT cabinet and breaker panel
- Successfully constructed and implemented a power controller consisting of a microcontroller and relays to switch power on or off to the cryptominers

Web Server/Personal Portfolio

Feb. 2020 – Ongoing

christiananthony.tech

- Developing a website to act as an online portfolio to showcase projects, obtain web development experience, blog about independent studies as well as to broadcast my personality and interests