Gamaliel Aristondo

Santa Barbara, CA   (661) 264-7920   gama.aristondo@gmail.com

Education

University of California, Santa Barbara   10/2019 – 06/2023

- Computer Science: 3.3 cumulative GPA

Relevant Coursework / Programs:

- Computer Graphics
- Design & Implementation of Database Systems
- Society of Hispanic Professional Engineers
- Human Computer Interaction
- Multimedia Systems
- Computer Security

Work Experience

Sonatech LLC, Santa Barbara, CA

Software Engineer   04/2024 – Present

- Implementation of Gitlab CI/CD pipeline to create automated releases with API documentation
- Integration of automated SASTs, SBOMS, Blackbox and Unit testing
- Supported development on embedded systems in C and C++
- Appointed software lead, coordinating releases and system documentation with project engineer
- Collaborated on UI backend development in Python, tasked with becoming sole owner of interface
- Aided on debugging and task implementation of frontend based on typescript of MUI when necessary
- Designed visual aids to communicate system infrastructure to contractors
- Facilitated testing of software requirements in the field and lab

Assistant Test Technician   06/2023 – 04/2024

- Tested electronics and hardware to ensure products were reaching the required spec to move forward
- Aided in manufacturing tasks or served as an engineering support when necessary
- Troubleshot products with various hardware and software tools such as MATLAB
- Reported performance of prototype products and organized data for debriefing

Daily Nexus, Goleta, CA

Data Section Writer   09/2022 – 05/2023

- Created graphics and charts which communicated data information in a digestible manner
- Discussed the findings in a palpable manner for the general student population
- Gathered data from open-source websites using various programs in python

Industrial Light and Magic, San Francisco, CA

Media Systems Engineer Intern   06/2022 – 09/2022

- Development of the inhouse streaming platform, Hyperdrive Solo, to properly detect stream failures
- Organization of hardware such as cabling to provide workers easier access to required parts
- Day-to-day support on various tasks such as OLED calibration and infrastructure rewiring
- Installment of hardware onto racks ensuring all parts were properly secured

Northrop Grumman, Palmdale, CA

Quality Intern   02/2019 – 05/2019

- Handled the organization of different quality inspection fails for products on factory floor
- Gathered quality information and organized it onto various Excel spreadsheets
- Assisted mentors with on floor inspections of F-35 components

Relevant Skills

- Proficient in Microsoft Office
- Fluent in English and Spanish
- Comfortable in Windows, Mac, and Linux
- GitHub/GitLab
- Comfortable with lab test equipment (Oscilloscopes, VSAs, etc.)
- C+, C, Python
- Web development with Typescript, JavaScript, MUI
- Previous work with Unity
- Test procedure implementation

www.linkedin.com/in/gamaliel-aristondo