STEPHEN TAMBUSSI

[Github](), [LinkedIn]()
Cell: (856) 298-7280, **Email:** stambussi@scu.edu

EDUCATION

Santa Clara University   **Santa Clara, CA**

Bachelor of Science: Computer Science and Engineering   Expected Graduation June 2022

  Selected Coursework: Object-Oriented Programming and Advanced Data Structures, Computer Graphics Systems, Design & Implementation of Programming Languages, Digital Integrated Circuit Design, Computer Networks, Theory of Algorithms, Operating Systems, Machine Learning and Data Mining

Master of Science: Computer Science and Engineering   Expected Graduation June 2023

SKILLS

Programming Languages: C/C++, Java
Scripting Languages: Python, Bash
Operating Systems: Windows, Linux
Other: Git, Jira, Confluence, TensorFlow, Keras, Google ecosystem, 3D printing

EXPERIENCE

Western Digital   **Santa Clara, CA**

Systems Design Engineering Intern   June 2021 - September 2021

- As a member of the FWQA Test Development team, I contributed to the development of the testing software used to validate WDC's enterprise SSD products.
- Implemented new tests, features, and improved adherence to the NVMe specification for testing software.
- Resolved multiple bugs/regressions in the testing software that enhanced performance and reliability.
- Updated test documentation and plans in accordance with any software changes.

Marvell Semiconductor   **Santa Clara, CA**

Firmware Intern in Security Solutions   June 2020 - September 2020

- Developed and validated a new method of program testing for the LiquidSecurity Hardware Security Module (HSM) Adapters to reduce product development time.
- Automated the secure transfer of customer specific files during testing of the HSM Adapters to enable immediate deployment in their data centers.
- Collaborated with senior engineers to debug programs and implement new features of the project for the LiquidSecurity HSM Adapters.

ORGANIZATIONS & EXTRACURRICULARS

SCU BioInnovation and Design Lab   **Santa Clara, CA**

Undergraduate Research Assistant   September 2020 - June 2021

- In collaboration with Varian Medical Systems, assisting in the development of a machine learning image classifier that can detect and label CT image artifacts resulting from medical implants.
- Improved classification accuracy of previous machine learning research project that identifies contrast agents in brain MRI scans.
- Implemented new methods of evaluation for machine learning models constrained by limited input data.

SCU OneUp   **Santa Clara, CA**

Entrepreneurial Club Co-Founder   October 2018 - Present

- Educational forum for the exchange of ideas in the startup community.
- Evaluated and selected individuals in the startup community to attend the forum meetings.
- Learned people management skills.

PennApps Hackathon   **Philadelphia, PA**

Selected Participant   September 2017 & January 2018

- Developed a ray casting graphical engine in the Java programming language for PennApps 2017.
- Created a gyroscopic mouse for people who suffer from carpal tunnel syndrome for PennApps 2018.

ABOUT ME

➢ Executive Officer for University Greek Organization. Head of Computer Science Club in high school.