Kevin Maldonado-Cota
(209) 405-4640 • kevinmaldonadocota@gmail.com

Education

Bachelor of Science, Computer Science **May 2023**
University of the Pacific, Stockton, CA **GPA: 3.92**

Associate of Science, Computer Science **Fall 2021**
San Joaquin Delta College, Stockton, CA **GPA: 3.7**

Skills

Programming Languages: Java, Python, C++, C, JavaScript, TypeScript, MIPS, VBA, R, Haskell
Version Control: GitHub, Bitbucket
Database Technologies: MongoDB
Software Development: Full Software Development Life Cycle (SDLC), Agile Methodologies, Continuous Integration with GitHub Actions
IDEs: Visual Studio Code, Eclipse, Atom, PyCharm, RStudio, Excel
Bilingual: English – Spanish

Related Coursework: Database Management, Operating Systems, Software Engineering, Data Structures, Algorithms, Computer Systems and Networks, Parallel Computing, Programming Languages

Work Experience

Junior Engineer Intern, Micron Technology, San Jose, CA **June 2022 – January 2023**
• Implemented and automated software and hardware tests in Python, R, and VBA.
• Collaborated with engineers to manage HTOL tests on chips.
• Managed large datasets for HTOL tests, effectively troubleshooting and resolving issues.
• Regularly provided status updates in bi-weekly team meetings.

Class Projects

Senior Project – Interactive Banking **January 2023 – May 2023**
• Led backend development with JavaScript, integrating Plaid API for financial data management.
• Managed user datasets, enhancing frontend user data presentation.
• Employed MongoDB for robust database solutions.

PC Hardware Tutorial **March 2023 - May 2023**
• Utilized Python and PyQt5 to build an interactive tutorial for PC assembly.
• Incorporated drag and drop features and detailed part descriptions for enhanced learning
• Practiced Agile methodologies, held weekly meetings for sprints, standups, and managed user stories.
• Executed continuous integration with GitHub Actions, linted code with flake8, and performed unit testing with pytest.

Parallel Computing Labs **January 2023 – May 2023**
Solved complex computing problems by implementing Pthreads, MPI, OpenMP, and CUDA in C, within a Google Cloud VM.

Star Shift Game **Fall 2021**
• Managed pushing, pulling, and merging code on GitHub with a team of four