Kevin Bui

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Highly self-motivated biomedical engineer with experience in software product development. Committed to completing an M.S. in Computer Science to apply AI/data science techniques to healthcare. A quick learner and team player with strong organizational skills and a can-do attitude.

Relevant Experience

Xinetix, Inc. | Software Engineering Consultant   August 2021 - December 2021
- Developed software with an Arduino development board to test and characterize phaco tip cap sleeves

CoAction Consulting, LLC | Software Engineering Consultant   June 2021 - July 2021
- Developed a Bluetooth-connected temperature sensor using C++ and the Nordic Semiconductor nRF5 SDK

Xinetix, Inc. | Test Engineering Consultant   June 2018 - September 2019
- Team Lead in charge of planning and executing a manufacturing build plan for an ophthalmic device
- Generated engineering documentation under an ISO 13485 Quality Management System
- Worked using business processes from the High-Performance Management System (HPMS)

Biomedical Engineering Capstone Project | Project Team Lead   Fall 2017 - Spring 2018
- Led and managed a team in designing, manufacturing, and testing a prototype low-cost ultrasonic device for breast cancer detection
- Delivered business pitches to industry professionals through UCI's BioENGINE program and presented research posters at the Undergraduate Research Opportunities Program Symposium

Xinetix, Inc. | R&D Engineering Intern   July 2016 - September 2017
- Created Specification Control Documents for product components
- Used C++ code and an FTDI development module to create a display mockup of a product's user interface

Education

Orange Coast College
Associate in Science, Computer Science   September 2021 - June 2022
The University of California, Irvine
Bachelor of Science, Biomedical Engineering: Premedical   September 2014 - December 2019

Skills

Technical Skills: Python, C++, Java, Arduino, R, MATLAB, NI LabVIEW
Other: Microsoft Office (Excel, Powerpoint), Google Workspace

Activities

Data Science Club at Orange Coast College | Secretary   September 2021 - Current
- Organized meetings and projects to teach data science and machine learning to members

Morning Sign Out | Editor-in-Chief - Pharmaceutical and Medicine Editorial Team   October 2018 - Current
- Reviewed and published articles written on the latest medical research to publish on a website focused on health literacy for a lay audience

Holy Spirit Catholic Church | Young Adult Coordinator | Teacher   September 2014 - Current
- Managed and directed a weekend-long retreat for 200 participants
- Created and taught a year-long curriculum to teach religion and philosophy to high school students

Tau Beta Pi Association - CA Tau Chapter | Industrial Relations Chair   February 2017 - February 2018
- Organized company tours and industry speaking events for member's professional development