

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

Equinox Ophthalmic, 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 September 2017 - June 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

Buivision, 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