WILLIAM NGUYEN

(714) 406-8131

williamngoc93@hotmail.com • linkedin.com/in/william-nguyen-934552194 • captnw.github.io

EXPERIENCE

Engineer I (Software)   Jan 2023 - Present
Edwards Lifesciences   *Irvine, CA*

- Perform functional and regression tests on various systems (embedded, web, application)
- Collaborated with cross discipline teams in order to understand the software and identify defects
- Wrote and maintained test documentation during SDLC (test plans, protocols, summaries)
- Developed and reviewed functional UI tests for medical device using Squish
- Built web test automation framework that performed functional testing using Selenium and Pytest

EDUCATION

California State University, Fullerton   *August 2023 - Present*

- Masters in Computer Science

University of California, Irvine   *Sept 2018 - June 2022*

- Bachelors in Computer Science
- Bachelors in Computer Game Science

TECHNICAL SKILLS

Languages	Python, Java, C#, C++, SQL
Frameworks	Selenium WebDriver, Squish, Pytest, Appium
Tools	Git, Visual Studio Code, Visual Studio, PTC Integrity
Systems	Windows (11,10,7), Linux (Ubuntu)
Methodology	Scrum, Agile, Waterfall
Manual testing	Regression and smoke, Functional and Nonfunctional, Blackbox and Whitebox

PROJECTS

Medical Device   *March 2024 - Present*

Am a software test engineer assigned to embedded medical device and software project.

Relevent technologies: PTC Integrity

- Manipulated hardware device simulators to create test scenarios
- Fulfilled functional testing by interacting with physical device and simulators
- Reviewed other test executions and updated existing test protocols based on requirements
- Logged and closed defects after synchronizing with development team

Medical Application   *March 2023 - March 2024*

Was a software test engineer assigned to web-based medical application project.

Relevent technologies: Python, Selenium, Pytest, Git, Azure portal, PTC Integrity

- Executed functional testing and regression testing throughout SDLC
- Drafted and updated test protocols after continuously reviewing requirements
- Coauthored functional test harness and maintained test codebase
- Coordinated with Quality team by following the formal test and documentation process