

Daniel Tan Nguyen



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EDUCATION

SAN JOSE STATE UNIVERSITY

Bachelor of Science

Major: Software Engineering

Graduated: December 2017 GPA 3.4

Relevant Coursework

- Web & Mobile Programming
- Data Structures
- Object-Oriented & Design Patterns
- Software Project Management
- Database Management

SKILLS

TECHNICAL SKILLS

C#, VB.NET, Java, JavaScript, HTML, CSS, MySQL, Window Studio, SAP, MS Offices, Github, Adobe Photoshop.

SOFT SKILLS

Independent/teamwork, Problem-solving, Eager to learn, Self-motivated, Determine, Persistent, Responsibility, Project Management.

WORKING EXPERIENCE

Varian Medical System

Final Test Technician

Present | Palo Alto CA

- Increase machine tests yearly by 11%.
- Setup tools, calibrate system, and evaluate data.
- Perform system and assembly level testing.
- Ensure that all products met functional and design specifications.
- Repair/rejects and report defective materials.
- Assist a cross-functional team with software issues.
- Identify technical and operational problems on installed systems, products, and/or services

ACTIVITIES AND REWARDS

Member, Software & Computer Engineering Society, SJSU.

Scholastic achievement GPA 3.85 William C. Overfelt.

Math Tutor: Evergreen Valley College.

Volunteer: Web developer for Outside2inside.

TECHNICAL PROJECTS

PROGRESS REPORT | Window App

Present | Varian Medical Systems, Palo Alto

- Develop entry processes to record and display large amounts of data to over 100s of users every day.
- Review performance vulnerabilities, and related solutions
- Implement status of the machines, testing time, delta shifts and efficiency of users.
- Generate shift pass down, assignment, and schedule for 18 working locations.
- Create an automated process to set machine complete.
- Work on automated email notification for OT/PPL requests.

DRONE IT OUT | Mobile App

December 2017 | Senior Project SJSU

- Researched and implemented scalable for voice control, predefined paths, and flying patterns for the drone.
- Collaborated closely with team members and advisor to plan, and develop robust solutions.
- Reported project status and technical issues with professors.
- Achieved 100% completion of the project and got max points.

ONLINE WHITE BOARD | Web Application

July 2017 | SJSU

- Built a real time online whiteboard for users work remotely using Canvas, Obiter server, and PubNub.
- Corrected errors, upgraded interface, and improved security and performance.
- Made the responsive website by using Bootstrap framework.
- Added 2 more features such as real time video calls and chat message.

TRAVEL BOX | Mobile App

June 2017 | SJSU

- Built a mobile app for connecting travelers with locals who crafted itineraries.
- Implemented directions between hotels and restaurants using MapKit API in iOS.
- Established clear specifications and formulated software requirements.
- Worked effectively with project manager to ensure 5 features are done in 3 months.