

Tom Nguyen

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Software Engineer

A proactive and organized individual with a year of experience in automation development and quality assurance seeking a software development position that utilized skills in the field of Computer Science and Software Engineering. Proven ability to integrate out-of-the-box thinking and problem-solving analysis to improve processes, systems, and methodologies. Skilled at team collaboration while working independently in remote environments.

Areas of Expertise

- Software Development
 - Database Design
 - Development Process
 - Agile/SCRUM
 - Mobile Development
 - Extensive Programming
 - User Requirements Gathering
 - Web Development
 - RESTful Services
 - Operational Improvements
 - Service and Quality Mindset
 - Software Testing
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EDUCATION

Master of Science in Computer Science | San Diego State University, San Diego, CA. Expected completion 05/2021 | **GPA 3.52**

Bachelor of Science in Information Systems | San Diego State University, San Diego, CA, 12/2017 | **GPA 3.32**

Minor – Computer Science

Coursework: *Data Structure and Algorithms, Data Management Systems, Spatial Databases, Big Data Tools Methods, Wireless Network, Data Mining and Knowledge Discovery, Machine Learning, Advanced Object-Oriented Design and Programming*

PROJECTS

Big Data Tools Methods – Designed Stock Price Prediction model applying Recurrent Neural Network (Python/TensorFlow)

Data Management Systems – Designed Database System for School of Pharmacy (Oracle PL/SQL)

Cross-Platform Mobile Development – Designed Real-estate Marketplace App for Rent (React Native)

TECHNOLOGY PROFICIENCIES

Java, JavaScript, Python, C#, React Native, SQL Server, Linux, Git

EXPERIENCE HIGHLIGHTS

AMERICAN SPECIALTY HEALTH, San Diego, CA 10/2020 to present

Software Engineer in Test I

Continue on developing, supporting and implementing verification and validation procedures for the software and web applications.

- Maintain and enhance existing automation test scripts using JavaScript and Puppeteer framework.
- Collaborate with engineering team to develop test cases based on provided software design specifications utilizing both positive and negative testing processes.

AMERICAN SPECIALTY HEALTH, San Diego, CA 1/2019 to 09/2020

Associate Software Engineer in Test

Perform system, acceptance, regression, and functional testing on the software and web applications using both automated and manual testing methods. Validate, verify, communicate and resolve software issues through careful.

- Design, develop and maintaining API and UI test automation suites using JavaScript and C#.
- Identified, documented and reported bugs, defect, interoperability flaws within proprietary software applications.
- Knowledge of software development lifecycle, testing methodologies, testing tools as Postman and Cucumber.js.
- Working collaboratively with development team and business groups to complete comprehensive testing.

RITZ TOURS, Alhambra, CA, 10/2018 to 12/2018

Manual Web Tester

Create and implement viable testing routines with the test plans and mapped them with specific requirements utilizing the tests coverage feature of quality center.

- Executing formal test plans and tracks quality assurance metrics such as defects, defect counts, test results and test status.
- Documents all problems and report to the supervisor. Communicate bugs to the developers.

SAN DIEGO STATE UNIVERSITY, San Diego, CA, 8/2015 to 1/2018

Computer Lab Assistant

Responsible for identifying, analyzing, and resolving technical problems in a professional manner by providing guidance to students and faculty on various software, tools, and applications.

- Assists with system security, installs proper security patching including anti-virus and anti-spam software. Diagnoses, repairs, and maintains various computer devices, network connections, and software. Test hardware to ensure security and develop key processes to enhance the instructional program.