

Duy Nguyen

Software Developer - Guidance Software

Pasadena, CA - Email me on Indeed: [indeed.com/r/Duy-Nguyen/9f4d3f6adc887f43](https://www.indeed.com/r/Duy-Nguyen/9f4d3f6adc887f43)

Willing to relocate: Anywhere

Authorized to work in the US for any employer

WORK EXPERIENCE

Software Developer

Guidance Software - Pasadena, CA - March 2015 to Present

- Automated software licensing and encryption system for new software products in C#
- Implemented licensing interface with third party tool C#/C++
- Created an API that generates licenses for customer ordering system C#
- Refactored and consolidated automated build scripts using Python

Senior Release Engineer

4over Inc - Glendale, CA - August 2014 to March 2015

- Created guidelines for release process.
- Implemented git flow branching and merging strategy for entire development team.
- Created framework for automated regression testing for core API builds using python.
- Enabled team to move closer towards agile project management and release process.

Senior Release Engineer

Guidance Software - Pasadena, CA - November 2010 to July 2014

- Developed product installers using WIX Toolset and C#
- Designed and developed automated build scripts using PowerShell, Apache ANT
- Built a distributed continuous integration system using 13 servers and Jenkins
- Created framework for subset of smoke test/build acceptance automation
- Created framework auto merging
- Managed branching, merging, tagging of source code in Subversion repositories
- Agile Scrum Master certified; served as backup scrum master

Software Quality Engineer

Quallion Inc - Sylmar, CA - June 2010 to November 2010

- Created automated battery test software using C# that communicated with battery management software
- Re-factored C-17 lithium ion battery management software (written in C++)
- Re-worked software requirement documentation for C-17 lithium ion battery according to military standard

Senior Software Test Engineer

Medtronic - Northridge, CA - July 2002 to June 2010

- Developed a data mining program for market research and device quality investigations using SQL and MATLAB
- Automated patient sensor data accuracy analysis using SQL, MATLAB, and MathWorks Database Toolbox
- Setup source control protocol for collaborative work with clinical research team
- Designed and coded test tools that create simulated device data and perform statistical analysis using VB.NET, C#

- Recruited, trained, and supervised a test team that consisted of up to 10 test engineers and/or interns
- Authored a department operating procedure to streamline testing process, protocols, and increase team efficiency
- Collaborated in cross-functional groups to maintain project schedule, budget, and resources

EDUCATION

Bachelor of Science in Biomedical Electrical Engineering

University of Southern California, Viterbi School of Engineering

May 2002

SKILLS

C# (10+ years), Subversion (3 years), C++ (2 years), PYTHON (2 years), .NET (Less than 1 year), ANDROID (Less than 1 year), BASH (Less than 1 year)

ADDITIONAL INFORMATION

SKILLS & PROFICIENCIES

- C#, Python, Powershell, Bash, Java, C++, HTML, CSS, JQuery
- Jira, Jenkins, Git, Subversion, MS Visual Studio, IntelliJ, Android Studio
- Agile Scrum Master Certified