Nathaniel Nguyen

120 202nd ST SE Bothell WA 98012

nnguyen939@gmail.com
Cell: 206.393.8363

Skills

Technologies: Ada, C/C++, Java, Python, MySQL, Regex, Unix Shell, LaTeX, GIT, Mecurial, JSON, XML, Maven, Gnu Make, Cobertura, FindBugs, Checkstyle, Load Balancers, AWS S3, AWS SQS

Computer and OS: Linux, Windows, Mac OS X

Software: MS Visual Studio, Eclipse IDE, Vi/Vim, IntelliJ IDEA

Others: OO programming, functional programming, test driven development, Scrum, Kanban, deployment and release processes, SaaS, Continous Deployment

Experience

Amazon Web Services – Builder Tool's Apollo team Seattle, WA
Software Development Engineer *Oct. 2014 – Current*
- Worked as part of the oncall rotation to handle and resolve customer impacting issues in Apollo
- Worked with multiple internal teams to design and re-architect Apollo to handle Amazon rapidly changing network architecture
- Improved the visibility of Apollo's "EC2" services which allowed oncalls to identified regional issues
- Acted as a TPM to migrate thousands of internal customers using a deprecated software owned by Apollo

Amazon Web Services – Builder Tool's Apollo team Seattle, WA
Software Development Engineer in Test *Jan. 2014 – Oct. 2014*
- Implemented a test framework to allow developers of AWS CodeDeploy to write tests with
- Implemented a load test tool to allow developers of AWS CodeDeploy to load test with
- Designed and implemented a test plan for Apollo's client side codebase and reduced several hours of manual testing to twenty minutes of automated testing
- Promoted an internal testing pattern for Apollo's twenty-plus services

Amazon E-commerce and Platform – Web Application Platform's QA Team Seattle, WA
Software Development Engineer in Test *Oct. 2013 – Jan. 2014*
- Designed and implemented a test plan to allow Amazon's email team to move to a Continous Deployment pipeline
- Identified and designed TOP team released process into restricted regions

LizardTech Seattle, WA
Intern *Sept. 2012 – Jun. 2013*
- Developed a web application to save selected regions of raster images in multiple format and size
- Developed in Java
- Used Maven and Mecurial to manage the project

Education

- **Western Washington University** Bellingham, WA
  Bachelor of Science in Computer Science *Sept. 2010 – Jun. 2013*
- **Edmonds Community College** Lynnwood, WA
  Associate of Science *Sept. 2008 – Jun. 2010*