

Jarrad Battaglia

285 Third St, Unit 335
Cambridge, MA 02142
(610)-420-3083
jmbbat@gmail.com

Website: <https://www.linkedin.com/in/jarradbattaglia>

EDUCATION

Bachelor of Science, Computer Science
Drexel University, Philadelphia, PA, June 2014

EXPERIENCE

Software Engineer July 2014 to Present
Amazon.com, Amazon Web Services, Elastic File System
Cambridge, MA

- Created Java metering component for the EFS service which retrieved customer file system usage which was used for billing purposes and updating customer file system information.
- Designed and implemented a workload system that created thousands of AWS instances to simulate customer-like traffic on dev, gamma, and production instances of the EFS service, which could then scale to the needs of the operator.
- Designed and implemented canaries for EFS service that measured different components of customer traffic.
- Worked on the EFS deployments team and contributed to adding new functionality to pre-existing deployment library and added concurrent code which decreased time of deployment by two-thirds.
- Integrated new internal SSL certificate API into deployment scripts which needed to verify and update EFS server certificates with AWS IAM.
- Worked on implementing Continuous Deployment into the EFS deployment scripts.

Software Engineer Intern September 2012 to March 2013
Amazon.com, Fulfillment By Amazon, Inventory and Reimbursements
Seattle, WA

- Used AWS Cloudsearch to migrate an internal business site from a SQL database and updated internal website to use new model and service.
- Worked on Reimbursements project which was designed to stop mis-assignments of FBA inventory from being sent to other departments of company.
- Created Hadoop EMR job, which measured how many lost items had been mis-assigned in the past 2 years.
- Created Integration tests for Reimbursements project.

Software Engineer Intern September 2011 to March 2012
Unisys, Cloud Computing
Malvern, PA

- Used Winforms and C Sharp to design and implement a custom XML editing tool that allowed for faster data entry for Cloud Computing team.
- Created Perl scripts to add functionality to request tracker ticketing system.
- Edited Apache Project Info Reports plugin source code to use IText PDF API to allow plugin to output PDF files.

LANGUAGES AND TOOLS

Proficient Programming Languages: Java, Python, Bash

Other Programming Languages: Javascript, C++, Scala

Operating Systems: Ubuntu, Redhat (RHEL 5), Windows

Tools & Frameworks: AWS Technologies (EC2, IAM, S3, EFS, DynamoDB, EMR), Boto, AWS CLI, AWS SDK (Java), Spring, Akka, Hadoop, Git, Maven, MySQL