

Natalie Mattison

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Experience:

Nest - Services Integration Engineer - Palo Alto, CA

August 2013 - May 2015

(acquired by Google, February 2014)

- Conducted testing, performance analysis, and qualification of backend web services, focused on Nest's developer program and API
- Wrote internal tools for interacting with the services stack and scripts for common user and device actions, which aided in functional and performance testing as well as development
- Managed software builds and deployments of distributed development environments, which allowed teammates to qualify releases and integrate client and device software
- Verified new features through integration tests and ad-hoc functional testing
- Found, documented, investigated and resolved bugs
- Provided technical support to third-party developer program partners
- Tech: Python, Ruby, Amazon Web Services, SQL, Puppet, Git

MyEnergy - Software Developer - Boston, MA

December 2012 - July 2013

(acquired by Nest, May 2013)

- Developed various Ruby on Rails applications for display and comparison of consumers' utility data, administrative and support tasks, and monitoring data acquisition
- Wrote algorithms for web scraping and classifying electric, gas, and water data across 200+ utility consumer websites
- Tech: Ruby, Javascript, SQL, Redis, Git

MobileAware - Software Developer - Boston, MA

June 2012 - November 2012

- Wrote software for a variety of mobile website projects and hybrid applications
- Implemented design mockups and feature specifications
- Tech: Node.js, Java, HTML/CSS

Formspring - Software Engineering Intern - San Francisco, CA

May 2011 - August 2011

- Designed and developed a frontend for displaying near real time user metrics, allowing for easy insights into user behavior over time
- Tech: Javascript, PHP, HTML/CSS

Harmonix - Hardware Intern - Cambridge, MA

April 2010 - August 2010

- Design verification of consumer product prototypes for Rock Band 3

Education:

Franklin W. Olin College of Engineering – Needham, MA

May 2012

Bachelor of Science in Engineering with Computing

- Studied engineering with a focus on software in a project-based setting
- Final GPA: 3.17