TIM HALL

SOFTWARE ENGINEER

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EMPLOYMENT

Apple
Quality Web Tools Engineer · Oct 2016 to Current
- Design, develop, test, and maintain web applications and Python scripts to automate data collection, information visualization, and analytics used by Global Quality team to track effectiveness of quality initiatives and project impacts of product modifications
- Utilize Git VCS to contribute to various company-wide internal Apple tools
- Collaborate cross-functionally with AppleCare, EE, ME, Production, Reliability, and Packaging teams to implement and track improvements to Beats headphone and speaker products

Software Quality Engineer · Aug 2014 to Oct 2016
- Conducted usability and beta tests on all new Beats products throughout all design and development iterations and phases
- Developed and managed Ruby on Rails application for creating and distributing surveys which allowed for advanced features like skip logic, piping, and displaying graphical representations of response data

Beats Electronics
Beta Testing Program Manager · Apr 2014 to Aug 2014
- Designed and executed firmware-focused beta tests for Beats products, including the Pill+, Studio Wireless, Solo2 Wireless, and Powerbeats2 Wireless products, to optimize user experience and test corner cases in real-world scenarios
- Worked with Software Quality Assurance team to conduct interoperability and comparison testing across all wireless Beats products

Product Development Coordinator · Jul 2013 to Apr 2014
- Led purchasing activities, managed product inventory, and facilitated vendor agreements for team of over 200 engineers
- Supported software development/QA teams in software analysis processes

EDUCATION

Georgia Institute of Technology
MS Computer Science, expected graduation 2019

Udacity
Frontend Web Development Nanodegree 2017

University of Washington
Ruby on Rails Web Developer Certificate 2015

MITx
Computer Science & Programming Using Python 2014

UCLA
BA Sociology 2009

SKILLS

LANGUAGES: Ruby, Python, JavaScript, HTML, CSS, SQL, RSpec, Jasmine
TOOLS: Ruby on Rails, jQuery, Bootstrap, Foundation, KnockoutJS, NodeJS, GulpJS, Redis, Resque, UNIX shell scripting
PROCESSES: Software development/project management, QA (black-box, white-box, TDD/BDD), HCI/UI design, database modeling and administration, version control/remote collaboration