

Timothy Hall

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Work Experience

Current.....

Apple

Software Quality Engineer

08/2014–Present

- Manage firmware quality for new products through development, production, and post-launch stages
- Conduct failure analysis on firmware-related field returns to identify root cause and implement corrective action
- Design, build, and maintain web applications used daily by engineering team to help track metrics and facilitate collaboration in a secure environment; end-to-end responsibilities include UI design, development (Ruby on Rails, JavaScript, HTML, CSS), MySQL database management, SSL web server configuration/maintenance, and backup management
- Present weekly software quality status reports for in-flight programs to executive management

Previous.....

Beats by Dr. Dre

Software Project Manager

04/2014–08/2014

- Designed and conducted firmware-focused usability studies and beta tests for Beats products, including the Pill+, Pill 2.0, Studio Wireless, Solo2 Wireless, and Powerbeats2 Wireless products to constantly improve user experience and test corner cases in real-world scenarios
- Worked as part of Software Quality Assurance team to conduct interoperability testing, Bluetooth range and cross-body testing, and comparison testing across all wireless Beats products

Beats by Dr. Dre

Product Development Coordinator

07/2013–04/2014

- Led purchasing activities, managed product inventory, and facilitated vendor agreements for team of over 200 engineers in Beats Product Development
- Shadowed software developers and participated in code reviews at Beats while taking online computer science classes

Superfad

IT Manager

08/2011–03/2013

- Managed IT for post-production office of 100 employees (3D animators, film editors, producers, and graphic designers) including workstation setup, data backups, render farm optimization, server room maintenance, and network management/troubleshooting
- Received editing credit on several Superfad projects, including "Francis", an animated short film accepted at Cannes 2013

Education

Stanford Online (Coursera)

06/2016–08/2016

Machine Learning, Grade: A

El Camino College

11/2015–12/2015

Quality Engineer Certification Course (CQE), Certificate received 12/2015

University of Washington Online

01/2015–09/2015

Ruby on Rails Development (1-year program), Certificate received 10/2015

UCLA Extension Online

09/2014–12/2014

Relational Database Design and Data Modeling, Grade: A

MITx Online

06/2014–10/2014

Computer Science and Programming Using Python, Grade: A

University of California, Los Angeles

09/2005–06/2009

Sociology, B.A.

Qualifications

Certifications: Ruby on Rails Developer (UW), Quality Engineering (American Society for Quality)

Programming Languages: C, C++, CSS, HTML, Java, JavaScript, Objective-C, PHP, Python, Ruby, SQL, Swift

Skills: Development, Testing, Web/Mobile, Machine Learning, Failure Analysis, Remote Collaboration, Version Control