

Audrey R. Troutt

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Accomplished hands-on technology leader with ten years of experience that includes software management and coding of Android, iOS, and web-based solutions. Builder of healthy and efficient work environments. Tech community leader and advocate.

EXPERIENCE

Senior Software Development Manager, Tune - Philadelphia, PA

July 2016 - present

Recruited to rejoin the Artisan Mobile team (acquired by Tune in 2015) as Lead Developer on the In-App Marketing (IAM) team and promoted five months later to remotely manage multiple Seattle-based teams building IAM, Mobile SDKs, and Plugins.

- Led the IAM team to deliver a new in-app messaging feature for iOS and Android to the IAM platform.
- Oversaw delivery of critical SDK features and plugins to support partnerships with Google, Apple, et al.
- Grew overall team of reports from 5 to 14 developers assigned to three separate teams.
- Coached, mentored, and kept engineers engaged and focused in a dynamic, fast-paced environment.
- Developed and taught internal classes on in-app marketing, push messaging, deep linking, Android, Scrum, Kanban, group learning, and team interaction styles.
- Collaborated with multiple development managers and teams to deliver the mobile implementation for Tune-hosted universal linking for iOS and Android.
- Pioneered and documented remote collaboration practices for engineering and introduced remote-friendly standups. The success of this led to Tune allowing remote work corporate-wide and using my work from home policy as their foundation.
- Drove and advocated internally for an improved developer experience for users of Tune SDKs/APIs.

Director of Mobile, SnipSnap App - Philadelphia, PA

July 2015 - July 2016

Led Android and iOS development efforts building mobile apps for consumers to discover and save coupons.

- Managed a team of mobile developers and introduced iterative development, unit testing, peer reviews, and CI.
- Shipped innovative new feature with automatic image recognition and real-time chat in just three months.

Lead iOS and Android Developer, Artisan Mobile - Philadelphia, PA

Jan 2013 - July 2015

Led Android and iOS SDK development efforts for mobile Artisan, a marketing automation SaaS company (acquired by Tune 2015).

- Delivered innovative solutions that included Android apps, iOS SDKs, Rails web services, a rich JavaScript interface, and a cross-platform push notification engine and high-volume analytics processing system built in Java.
- Wrote clear, easy to follow end-user documentation for our APIs.
- Built synchronized web and native app automated test suite.

Supervisor of Software Development, Goodwin College at Drexel University - Philadelphia, PA

Feb 2009 - Dec 2012

- Developed custom portlets and managed user training and maintenance for faculty and staff web portal.
- Introduced iterative development and increased transparency for project stakeholders at the Math Forum.
- Received Goodwin College Staff Service and Leadership Award, Drexel University (May 2011).

Software Developer and Business Analyst, Ternary Software - Philadelphia, PA

Jan 2008 - Feb 2009

- Delivered custom software solutions and beautiful code in a fast-paced, agile/TDD, and Holacratic environment.

Java Programmer, Read-X, University of Pennsylvania School of Education - Philadelphia, PA

Summer 2007

- Created web search application to assess the readability of text online. Published results with a peer who later founded Philadelphia-based startup Choosito based on this same research.

EDUCATION

Master of Computer and Information Technology, University of Pennsylvania School of Engineering and Applied Science (2007)

- GAPSA/Provost's Award for Interdisciplinary Innovation (Summer 2007)

Bachelor of Arts, Music/Physics, New College of Florida - Sarasota, FL (2004)

- Received 2004 American Vacuum Society Undergraduate Research Awards (one of three nationwide)
- Undergrad Physics Research Assistant in Bulgaria. Published research on laser-assisted modification of metal nanoclusters.

VOLUNTEER

Technical Advisor, Women in Tech Summit Organizing Committee (2015 - Present)

Organizing Committee (Mobile Track), Philly Emerging Technologies for the Enterprise Conference (2013 - 2017)

Teacher, Girl Develop It (April 2016) and TechGirlz Workshop Teacher/Mentor (2011 - 2014)