

SANKET SUBHASH KHANWALKAR

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EDUCATION

- **University of California, Irvine, US** [Sep 2014 – Jun 2016]
 - MS in Information and Computer Science (With Thesis) GPA: 3.96
- **University of Mumbai, India** [Jul 2007 – May 2011]
 - Bachelor of Engineering (Information Technology) GPA: 3.60

SKILLS

UI/UX : Photoshop, Blender, Balsamiq, Rational Rose, Webflow, \LaTeX
Programming : Java, Android, Swift, HTML/CSS/Javascript, Angular, React, Node.js, Python, Processing
Databases : MySQL, MongoDB
Tools : Git, Splunk, JIRA, Trello
Certifications : Creative Programming in Digital Media and Mobile Applications,
Android Application Development, iOS App Development with Swift

WORK EXPERIENCE

- **Adobe Systems Inc.**
 - Computer Scientist** - San Francisco, WA [Jan 2018 – Present]
 - Lead engineer for integrating Typekit marketplace into CC Libraries. This feature allows 1.1M monthly users to sync, purchase and upgrade Typekit fonts within CC apps like Photoshop, Illustrator and InDesign.
 - Primary contributor to user experience, designing & integrating web services and developing front end features.
 - Software Engineer** - Seattle, WA [Aug 2016 – Dec 2017]
 - Worked with the Creative Cloud Experience team to develop reusable front end components for CC Libraries.
 - Successfully developed React-based front end features, both functional and design, for Adobe Assets web app.
 - Software Engineer Intern** - San Jose, CA [Jun 2015 – Sep 2015]
 - Conceptualized and developed a prototype using Adobe Marketing Cloud to improve digital content consumption and revenues by providing clients with critical data around user engagement.
 - Developed features around app acquisition analytics to track customer conversions for AEM Mobile.
- **Khanwalkar Industries, India** - *Technology Consultant* [May 2013 – Aug 2014]
(*Industrial fasteners manufacturing firm*)
 - Led a team of 9 members to develop an inventory management and product tracking software that improved operational efficiency by 15% with respect to time.
 - Performed an internal QA and streamlined manufacturing processes further upgrading the ISO rating.
- **The Souled Store, India** - *Digital Art Consultant* [Mar 2014 – Apr 2014]
(*Merchandising e-commerce start-up*)
 - Developed an interactive design web app using Processing, HTML5, Javascript and JQuery that allows users to build creative and artistic designs.
 - Built the company's brand as an innovative start-up and boosted the monthly web traffic by 10%.
- **Accenture Services Pvt. Ltd., India** - *Senior Programmer* [Aug 2011 – Apr 2013]
 - Developed 4 event-based Android apps, implementing UI/UX and features like multimedia, animation, push notifications, NDK, and payment gateway.
 - Rapidly prototyped 5 Android components, viz., Lock Screen, Login Validator, QR Code Encryptor/Decryptor, Social Media Integration of Facebook-Twitter-LinkedIn and NFC based file-sharing.

PROJECT HIGHLIGHTS

- **Crime Intelligence 2.0: Reinforcing crowdsourcing using AI and Mobile Computing** (MS Thesis)
 - Conducted comprehensive research on global terrorism and crime, designed the project roadmap and led the strategic interaction with several intelligence agencies including the DHS and LAPD.
 - Developed innovative prototypes using smart-phone sensors, IBM Watson and chat bots, and collaborated with UC Irvine Police Department for testing more than 500 crime reports globally.
 - With an overall app rating of 4.5 and UCI PD's positive recommendation, this research is now being extended by UCI for product development.
- **RBS 6 Nations Championship** (Annual Rugby Championship app)
 - Implemented core app features including UI/UX, multimedia, push notification, ads, localization, and led the interaction with championship data providers.
 - Co-ordinated testing processes across the teams and the release, fetching positive user response with more than 100,000 downloads on Google Play.

PUBLICATIONS

- **Exploration of Large Image Corporuses in Virtual Reality** - *ACM Multimedia 2016 (Tier 1) - First author*
- **uBeacon: Configuration Based Beacon Tracking** - *IEEE PerCom 2016 (Tier 2) - Second Author*