

NEIL ARMAND BARADAS BANTOC

Android UX Engineer // Creative Technologist
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Education

Master in Human-Computer Interaction
Carnegie Mellon University // 2016 - 2017
Pittsburgh, PA, USA

Bachelor of Science in Computer Science
University of the Philippines // 2008 - 2012
Los Banos, Laguna, PH

Tools and Skills

Design
Sketch
InDesign
Illustrator
InVision

Programming
Android Studio IDE JUnit Testing
Java, Kotlin RxJava
Atom IDE DataBinding
HTML, SASS, SVG Fastlane
D3 Jenkins CI
Jekyll, Github Pages Taplytics
SQL Arduino IDE
A/B Testing

Version Control
Git, SVN
Tower

Prototyping
Arduino Vaccuforming
3D Printing Laser Cutting

Research
Contextual Inquiry Interviews
Affinity Diagram Survey Design
Competitive Speed Dating
Analysis Wizard of Oz
Personas
Crazy 8's

Employment

Software Engineer 3 > Senior Android Developer // Paypal > Venmo Oct 2017 - Apr 2019

- Worked on the Venmo transfer to bank screen, adding in animations for a better UX
- Participated in design sprints to develop a better Privacy experience on Venmo
- Built the “Privacy Carousel” that educates users about Privacy on Venmo
- Wrote Fastlane scripts to automate the app release process
- Wrote UI and Unit tests for presenters and helped bring code coverage up
- Introduced two of my own coding patterns which were widely adopted by the team

Android Software Engineer // Freelancer.com June 2015 - Jul 2016

- Built a dashboard that presents users a list of actionable items from their projects
- Refactored parts of the app to use the MVP architecture
- Wrote UI and Unit tests for presenters and helped bring code coverage up
- Integrated Taplytics for A/B testing and Phabricator for peer to peer code review

Senior Android Developer // Stratpoint Technologies, Inc May 2012 - Apr 2015

- Offered Android app development expertise to the company’s top clients, Phunware Inc and Globe Telecom (one of the largest telecommunications providers in the Philippines)
- Created a range of apps, from location based to music streamers to VOIP clients

Projects

Android App: Venmo // Privacy Carousel
Built a Privacy Carousel that educates user about privacy settings on Venmo, giving scenarios on when each level is appropriate. Within the carousel users are also shown what their current default is and gives them an opportunity to change it.

Android App: Venmo // Customer Identification Program
Designed and built an experience that allows users to validate their identity, carefully explaining that we are collecting their personal information as a way to filter out fraudsters and make Venmo a safer platform for everyone.

Android App: Rise and Smile // Face Detection Powered Alarm Clock
Created an alarm clock for Android that uses face detection to wake the user up by detecting and requiring their eyes to be kept open for a set amount of time.

Android App: Freelancer Messenger // Instant Messaging + Rest Client App
Modernized the code for Freelancer.com’s mobile messaging app for Android to use frameworks such as Dagger for dependency injection, Realm for persistent storage, Support Design Library for Material Design UI components, etc.

MHCI/Samsung Capstone Project: Improved Human-Robot Interaction
Underwent an 8 month research and prototyping cycle to uncovered issues with human-robot interaction in the context of the robotic vacuum cleaner and the home. Used an esp8266 wifi-enabled microcontroller and a Thymio robot for prototyping.

Service Design: Echo // A Service for Practicing Verbal Presentation Skills
Researched and designed an on-campus service that uses a combination of VR, speech recognition, and depth cameras to collect and analyze metrics that help engineering students improve their verbal communication and presentation skills.

Dashboard Design/Data Visualization: A Tale of Two Greenlands
Created a dashboard using web technologies such as svg and d3.js to visualize biodiversity metrics for Greenland.