# 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**

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|---|---|
| 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**

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|---|---|
| Arduino | Vaccuforming |
| 3D Printing | Laser Cutting |

**Research**

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

## Employment

**Individual Contributor 4 > Software Engineer // Facebook** Jul 2019 - Present
— Standardized look and feel of UI elements across the Facebook app
— Added small UI delights to the Facebook app

**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 Phabicator 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 Library] Facebook – Component Library**
Contributed components to the Facebook Components Library, a set of internally used UI widgets built on top of Litho that follows the Facebook Design System guidelines and specifications

**[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 Capstone] Samsung Appliances – 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.