

BANJI OYEWOLE



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EDUCATION

Bachelor of Science, Computer Science May 2018
University of Puget Sound, Tacoma, WA

RESEARCH & WORK EXPERIENCE

Freefly Systems, Inc. – App Developer May 2018 – Current

Movi Android App – *An App that allows you to record 4K and slow-motion video while controlling your Movi*

- Developed the Movi Android app using the Movi hardware API
- Managed testing, release, and product development schedule for Movi Android App
- Integrated crash reporting and event tracking through Firebase

Honeyfire Inc. – Lead Android Developer May 2016 – Current • Visit www.banj.io/software for more Myngo

The Myngo Project – *A Tacoma centric delivery service for eclectic eats, and every day goods*

- Designed and developed the Myngo, and MyngoDrive applications for Android
- Conducted a beta test with hundreds of dollars of orders, and responded to user feedback
- Integrated in-app payments through PayPal's Braintree API, and push notifications through Firebase

Flypost – *An events platform for university students to share and discover what is happening in their campus and community. Available on a per school basis for web, Android and iOS.*

- Designed and developed Flypost for Android Phones, Android TV and Android Wear devices
- Collaborated with iOS and backend developer to develop Flypost server stack and functionality

Flashlight 10 Supreme – Lead Android Developer May 2013 – August 2015 • Visit www.banj.io/software

A collection of apps that added flourishes of color and animations on top of a set of flashlight valuable features

- Developed Flashlight 10 Supreme with camera preview, strobe and sound reaction features
- Designed it's UI and created the 'Themos' theme engine allowing you to select any of 27 color combinations
- Created a full screen fully animated UI with Android Wear support and custom widgets

University of Puget Sound – Autonomous Drone Control with Computer Vision January 2018 – Current

Research Goal *Using Sensor Fusion of depth and camera data we will track a quadcopter and verify waypoint achievement in 3D space as an approach to automotive applications of computer vision*

- Reverse engineered drone remote control to allow digital control by attached Single-Board computer
- Designed and implemented an interface between drone control and vision processing computers
- Track and maintain position of drone with a fixed position camera system as location data source

LEADERSHIP EXPERIENCE

ASUPS – Director of Marketing and Outreach, Student Programs Chair April 2015 – November 2015

Associated Students of the University of Puget Sound (ASUPS) – Student Government

- Hired and managed graphic design team, and student programmers team to create posters and events for students
- Overhauled visual identity by creating a new logo and visual identity guide; started the new website project
- Worked with local businesses and University administrators to host events and create co-branded goods

ACM Club President April 2015 – April 2016

Association for Computing Machinery – a club dedicated to the understanding and exploration of computer science

- Conceptualization and building an ultrasonic sensor based semi-autonomous rover
- Continued outreach and event coordination with Local Washington technology companies and University Computer Science Department

INDUSTRY SKILLS

ANDROID JAVA ANDROID XML JAVA PYTHON JAVASCRIPT C++ C HTML CSS GIT BASH SSH

MILDLY AMUSING FACT

Every year during reading period I'd write an update to a comics app that has an integrated, asynchronous web-crawler that looks for the URL of the comic image and the URL to the next comic's website. The app is generic enough to be able to add another comic in as little as an hour.