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 • Visit www.banj.io/ for more Movi

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/ 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 X – Lead Android Developer May 2013 – August 2015 • Visit www.banj.io/ for more Flashlight X

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

- •Developed Flashlight X 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 cobranded 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 SWIFT HTML CSS C++ C GIT BASH SSH

MILDY AMUSING FACT

Me and a couple of friends made a gong that's able to hit itself, connected it to the internet, and wrote mobile apps so you could 'gong' from anywhere.