

TRI LE

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EDUCATION

Drexel University

Bachelor of Science in *Computer Science*

Cumulative GPA: 3.6/4.0

Philadelphia, PA

Anticipated Graduation: June 2022

SKILLS

Computer Languages

JavaScript, Typescript, Python, HTML/CSS, Java, Swift

Software & Tools

Node.js, Angular, Ionic, Cordova, Firebase, Git

Development Platforms

Android Studio, XCode, Windows, Mac, Linux

WORK EXPERIENCE

Fashion Buddy | fashionbuddy.org

Chief Technology Officer

May 2018 - Present

Philadelphia, PA

- Led a 3-developer team to build cross-platform mobile application in Ionic 3, Angular 4 and Typescript

Eoko | eokoapp.com

Software Developer Intern

September 2017 - Present

Philadelphia, PA

- Delivered push notifications to 100+ users using Firebase Cloud Functions in Node.js
- Integrated Stripe API to handle user's financial transactions and create user subscriptions

Unisys Brand App | marcolina.com/featured.html

Software Developer

April 2018

Ambler, PA

- Controlled 2D and 3D animation using HTML5 Canvas API, Three.js and device orientation

RESEARCH EXPERIENCE

Radio Wars Augmented Reality

Dr. Kapil Dandekar – Drexel's Wireless System Lab

April 2018 - Present

Philadelphia, PA

- Utilized Apple SceneKit to render 3D models with data from MongoDB server
- Displayed radio signals on Augmented Reality environment using ARKit framework

PROJECT & HACKATHONS

DragonFriends

April – June 2018

- Developed a native Android app using Java and Android Studio to connect Drexel freshmen
- Scrape and query 1000+ Drexel classes through backend in Node.js, hosted on Cloud Functions

Biometric Door – *DragonHacks 2018*

January 2018

- Integrated OpenCV library for facial recognition and Pyrebase for backend as data transfer
- Remoted through a VNC server to a Raspberry Pi 3 to control a moving servo motor using Python

Mooncoin Landing – *PennApps XVII*

January 2018

- Created a 2D multiplayer online space shooter game with Phaser.io and hosted on Firebase

AWARDS & ACTIVITIES

Community Business Collaborative, President, Drexel University Excite Center, 2018

Student Tackling Advanced Research, Selected Candidate, Drexel University, 2018