

TRI LE

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EDUCATION

Drexel University

Bachelor of Science in Computer Science

Philadelphia, PA

Anticipated Graduation: June 2022

Major: Computer Science | **Minor:** Software Engineering

Major GPA: 4.0/4.0 | **Cumulative GPA:** 3.6/4.0

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
- Delivered push notifications to 100+ users using Firebase Cloud Functions in Node

Eoko | eokoapp.com

Software Developer Intern

September 2017 - Present

Philadelphia, PA

- Integrated Stripe API using Express to handle user's financial transactions and subscriptions
- Worked with a team to build a web-app dashboard to collect and visualize data for potential clients

Unisys Brand App | <http://marcolina.com/featured.html#work3>

Software Developer

April 2018

Ambler, PA

- Controlled 2D and 3D animation with device shake and tilt functionality using Three.js
- Deployed and released the application to production for client, receiving rave reviews from 25 countries

RESEARCH EXPERIENCE

Radio Wars Augmented Reality

Funded by National Science Foundation, the research focuses on radios and IoT at Drexel University

April - September 2018

- Utilized Apple SceneKit to render 3D models with data from MongoDB server
- Displayed radio signals on AR environment on anchors created through ARKit's image detection

PROJECT & HACKATHONS

DragonFriends

April - June 2018

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

Biometric Door – *DragonHacks 2018*

January 2018

- Integrated OpenCV library for facial recognition in Python
- Remoted through a VNC server to a Raspberry Pi 3 to control a moving servo motor

AWARDS & ACTIVITIES

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

College of Computing and Informatics, Dean's Ambassador, Drexel University, 2018