

# TRI LE

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## EDUCATION

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### 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

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### 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

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### Fashion Buddy | [fashionbuddy.org](http://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](http://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

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### Radio Wars Augmented Reality

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

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

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### 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

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

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