

Tristan Wiley

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Education

University at Buffalo - Buffalo, NY

- Computer Science B.S.
- August 2017 – Expected May 2021

Marcellus High School - Marcellus, NY

Experience

Outbully – Founder & Lead Developer

2016-Present

Co-founded company to help combat bullying. Wrote the dashboard frontend and backend using [Meteor.js](#) and deployed the project onto AWS.

Marcellus Free Library – IT

2015-2017

Provided technical assistance to customers as well as fellow employees. Managed upkeep of computers as well as general library duties such as shelving books, hosting events and working at the circulation desk.

Projects

ChatSE: 2016 - Present

Developing an open source mobile application written in [Kotlin](#) for StackExchange that uses internal calls and listens to websockets. The app will be used to communicate with the site's existing web-chat and it's thousands of chat rooms across multiple sites. Leading the production of the app by fixing bugs, implementing features, and managing contributions.

PetControl: MLH Prime, 2016

Created a consumer facing dashboard for keeping track of pets at the MLH Prime Spring finale hackathon. Software suite with a dashboard in [Python](#) and an Android app in [Java](#) as well as integrating the [Twilio API](#). Won best use of Nest prize along with various Nest products.

Project Air: MHacks 9, 2017

Create a virtual reality simulator to help train and test Air Traffic controllers. Worked on Amazon Alexa skill for control, written in [Node.js](#). Developed at MHacks 9 and won prize from the sponsor C2.

Capture the Tag: MHacks 6, 2015

An Android application written in [Java](#) at MHacks 6 using NFC capabilities in phones and NFC tags to create a modern version of Capture the Flag. The project won a TV for it's use of the Firebase database.

X-Viewer: 2015 - Present

A mobile viewer for the popular webcomic xkcd, with over 500 downloads. Converted to [Kotlin](#) after it was originally written in [Java](#).

Leadership

MHacks Nano & MHacks X - January - October 2017

Worked on [Android](#) app, managed thousands of messages, mentored hackers, talked during opening ceremony, and spoke during opening ceremony.

UB Hacking - September 2017 - Present

Managed social media for the hackathon as well as working during the event.

UB ACM - September 2017-Present

Joined club leadership the first week of classes. Running talks as well as organizing hackathon trips and Hack Nights.