

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

Pitch + Pivot – Software Engineer

2017-Present

Worked on the front-end for RepCheckup, an online reputation management tool for businesses.

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, taught programming classes, and worked as 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.