# Tanaka Chingonzo

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## EDUCATION

**The College of Wooster** — Wooster, Ohio
*BA - Computer Science; GPA: 3.1* — *August 2017 - May 2021*

## SKILLS SUMMARY

- **Languages**:  JavaScript, HTML/CSS, Python, SQL, Java, C
- **Frameworks**:  React, VueJS, Redux, MobX, Node.js, Express, React Native, Material UI, Flask, Jest, Mocha, Bootstrap
- **Tools**:  MongoDB, Docker, Git, GraphQL, MySQL, REST APIs, Webpack, NPM, Postman
- **Platforms**:  Linux, Web, Windows, Azure, AWS Amplify, Google Cloud, Firebase
- **Soft Skills**:  Leadership, Event Management, Writing, Public Speaking, Communication, Teamwork, Empathy

## WORKING EXPERIENCE

**AtomRain Inc (GraphGrid Inc)** — Remote
*Software Engineer (Full-time)* — *May 2021 - Apr 2022*
- **Built 25+ front-end UI components**: developed React components to match specifications and wrote 20+ unit tests using React Testing Library to increase the code base's test coverage.
- **Managed and maintained the Medic Mobile application**: Maintained and added features to an iOS application distributed with Testflight. Tech: React Native, React Navigation
- **Collaborated with teammates in an agile environment**:  wrote modular, reusable code. Participated in code reviews and every stage of the software development life cycle

**The College of Wooster Libraries** — Remote
*Research Developer (Part-time, Full-time)* — *September 2019 - January 2021*
- **Developed Noyes Letters website to showcase academic research.**: created dual-column layout on LAMP stack website running on Omeka PHP CMS: http://noyesletters.org. Tech: PHP, MySQL, Apache HTTP Server
- **Developed Wooster Digital Scholarship website**: built a portfolio website to showcase research projects across departments at The College of Wooster http://www.woosterdigital.org. Tech: Bootstrap, Material UI, HTML/CSS
- **Developed Poembot**: Wrote a Python script that read poems on a CSV file and printed them out through a Rasberry Pi thermal printer, and an automated twitter account: @woosterdh

**Information Technology @ The College of Wooster** — Wooster, Ohio
*Student Technology Assistant (Part-time, Full-time)* — *August 2018 - January 2021*
- **Developed internal institutional websites and features**: with HTML, CSS, JavaScript. Contributed to IT Documentation wiki using Atlassian Confluence: https://wiki.wooster.edu/display/itdocumentation/IT+Documentation
- **Automated inventory management of loaner devices and equipment**: wrote Python scripts to automatically update a CSV file with borrowed/ returned equipment
- **Prototyped layout and UI elements of new institutional website**: mocked up the navigation menu, quick links etc, with HTML, CSS, and JavaScript

## PROJECTS

- **Travel Journal Web App (Databases, REST APIs)**: (Work in progress) Developed a web app to display users and the places they have visited from dynamic API requests to the backend. Architected and built a REST API backend (API Schema, Endpoints, and middleware) to handle API requests. Tech: Google Maps' Places API, MongoDB, Express, NodeJS and mongoose, React, React Hooks, HTML/CSS (April '22)
- **GitHub Profile search (Web development, REST APIs)**: Developed a dynamic web application to search and display GitHub user profiles, repositories, and data. Wrote unit tests and PropTypes to validate components props. Tech: React, SCSS, React Hooks, Axios, Jest, Mocha, (Oct '20)
- **Cryptocurrency price checker (Web development, REST APIs)**: Programmed a cryptocurrency price watcher which displays JSON data from the Coingecko REST API: https://crypto-watcher-e3364.web.app/ Tech: Context API, Axios, Firebase, API, React Hooks, CSS. (August '20)

## PUBLICATIONS

- **Imali: A Technical Analysis Developed a mobile application to search for and display charts and data for stocks and cryptocurrencies. Tech: React Native, Expo, Alpha Vantage REST API, React Charts library, https://openworks.wooster.edu/independentstudy/9341/ (May '21)**: -2pt  2pt

## HONORS AND AWARDS

- Awarded Henry Copeland Research Grant - October 2020
- Awarded Microsoft Tuition Scholarship - July, 2019
- Undergraduate Network for Research in the Humanities Conference 2019, Organizer - February, 2019

## VOLUNTEER EXPERIENCE

**Teaching Assistant for Intro to Digital Humanities course** — Wooster, Ohio
*Tutored students on beginner programming courses and helped build final projects and portfolios.* — *January 2021*

**Organiser at UNRH Conference 2019** — Wooster, Ohio
*Organised events, conducted workshops and delivered workshops reaching over 100 participants.* — *February 2019*