Tanaka Chingonzo

Portfolio: nditanaka.com
Github: github.com/nditanaka

Email: tgchingonzo@gmail.com
Mobile: +1-234-261-3383

EDUCATION

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

Courses: *Programming Languages, Data Structures and Algorithms, Algorithm Analysis, Software Engineering: Databases, Machine Intelligence, Mobile Development, Responsive User Interface Design*

SKILLS SUMMARY

- **Languages:** Python, JavaScript, HTML, SQL
- **Frameworks:** React, NodeJS, Express, React Native, Material UI, Flask, Selenium, LAMP
- **Tools:** MongoDB, Docker, GIT, GraphQL, MySQL, SQLite, REST APIs
- **Platforms:** Linux, Web, Windows, Azure, AWS, GCP, IBM Cloud
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

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.
- **Maintained the Medic Mobile application**: Maintained a React Native application used by doctors to manage 500+ patient appointments, information and schedules
- **code reviews**: Collaborated with teammates to write efficient, reusable application logic to interact with the backend.

The College of Wooster Libraries — Remote
Research Developer (Part-time, Full-time) — *September 2019 - January 2021*
- **Developed JavaScript and PHP scripts for Noyes Letters website**: created dual-column layout on LAMP stack website running on Omeka PHP CMS: http://noyesletters.org
- **Developed Wooster Digital Scholarship website**: built a portfolio website with HTML, CSS3, MaterialUI, and JavaScript to showcase research projects across departments at the institution. http://www.woosterdigital.org
- **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: 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 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) A web app to display users and the places they have visited. Frontend built with React, backend: Google Maps' Places API, MongoDB, Express, NodeJS and mongoose (April '22)
- **GitHub Profile search (Web development, REST APIs)**: Developed a React Web Application with MaterialUI, to search and display GitHub user profiles, repositories, and statistics. Wrote unit tests with React Testing Library and PropTypes to test components props. (Oct '20)
- **Cryptocurrency price checker (Web development, REST APIs)**: A cryptocurrency price watcher built with React which consumes data from the Coingecko API. The project is hosted on Firebase: https://crypto-watcher-e3364.web.app/ Tech: Context API, Fetch API. (August '20)

PUBLICATIONS

- **Imali: A Technical Analysis Mobile Application in React Native (Mobile application development)**: Mobile application to explore and display charts for stocks and crypto. Tech: React Native, Alpha Vantage API, React Charts library, https://openworks.wooster.edu/independentstudy/9341/ (May '21)

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*