Tanaka Chingonzo

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EDUCATION

The College of Wooster	Graduating in June 2021
BA, Computer Science Major	GPA 3.0/4.0

PROJECTS

Firefox/Chrome Todolist browser extension — Oct 2019
- Built and published a Chrome and Firefox extension to open a to-do list in a new tab.
- Stores tasks persistently using the web storage API.
- Published the extensions on addons.mozilla.org and on Chrome webstore.

Reddit Browser — May 2019
- Built a simple reddit browser in Python using the Kivy Application framework for mobile design.
- Used the Reddit API to pull information from reddit.

Apply Africa Twitter bot and website — May 2018
- Configured Mailchimp, YOAST SEO for Search Engine Optimization and Facebook and Google Analytics to sign on 1500+ active student subscribers in 4 months.
- Developed a Twitter bot for the website in Python that tweets opportunities for students from JSON files.

SMS Notification Web App Using Twilio API — Dec 2017
- Programmed a web notification plugin for the Apply Africa website in Python that accessed the Twilio API to send out an SMS to a database of registered users when there was a new post.
- Increased returning visitors by 7,218% in one month to 2700 weekly visitors.

WORKING EXPERIENCE.

College of Wooster Libraries, Research Developer Assistant — Sept 2019
- Developed jQuery scripts to create dual-column look on Omeka site showing side-by-side English and Chinese character translations of historic letters.
- Wrote python scripts to extract text from pdf files using pdftotext
- Developed static website to showcase digital scholarly work across the institution.

IDPT-19916 Intro to Digital Humanities class, Teaching Assistant — Jan 2019
- Assisted course instructor with designing class schedule, in-class projects, and homework assignments, in-class work. Helped students and explained Digital Humanities concepts with them, including code debugging for programming components of course.

Twitter #Early Bird Program for Freshman 2018, Participant — May 2018
- Selected as one of 30 students out of 2000+ freshman applicants to attend a five-day immersion program at Twitter for first-year CS majors focused on professional and technical development, coding, networking, personal branding and interview skills.
- Built a feature for Twitter with a team of 6 to create and populate a user page with a person's most frequently used keywords based on their tweets. Built a demo page for the feature.

College of Wooster NSF Physics REU, Research Assistant — May 2018
- Developed a web-based JavaScript timeline of the Belousov-Zhabotinsky chemical reaction using timeline.js and neatline.js JavaScript frameworks. Contributed to open-source JavaScript framework on GitHub and used Latex and Omeka to build the BZ History project.

College of Wooster Technology Services Helpdesk, Student Technology Assistant — Aug 2016
- Diagnosed, tand resolved a range of software, hardware and network issues. Partnered with supervisors to resolve issues that required escalation from ticket system and followed up to ensure their resolution.

Programming languages/Frameworks	**Courses**
Beginner: C, React, Flask	Introduction to Digital Humanities, Scientific Computing,
Intermediate: Python, JavaScript,	Data Structures and Algorithms, Imperative Problem Solving, Software Engineering, Python Data Structures & Algorithms

Technologies: Linux, Git, Markdown, Jekyll, Git, Visual Basic, WordPress, Bootstrap, Reddit API, Flask, Kivy
Languages: English, Shona (native), Ndebele (fluent)

LEADERSHIP, CONFERENCES & AWARDS

Microsoft Tuition Scholarship	July 2019
Undergraduate Network for Research in the Humanities Conference 2019, Organizer	Feb 2019
Drushal Scholarship for leadership, involvement and academic excellence	Jan 2019
College of Wooster, Resident Assistant	Aug 2018
Student Government Association, Senator	Aug 2018
Global Engagement Summit, Northwestern University, Chicago	Mar 2018