David Tejuosho

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EXPERIENCE

Google   New York, NY
Software Engineering Intern (STEP)   May – August 2023
- Created design docs for and implemented key features for Google Classroom Mobile App, used by 150M+ users worldwide, ensuring equity for tens of millions of users who only have access to this feature on iOS and android
- Designed and implemented 'Grading Periods', enabling educators to plan, organise, and analyse assignments and grades based on quarters, semesters, or terms
- Developed 'Excused State' feature, allowing teachers to excuse students from specific assignments
- Updated the data layer to support new data guarded by flags, with proper on-disk cache migration and feature rollout safeguards to ensure smooth changes among different versions of the app

Johnson & Johnson   Raritan, NJ
Technology Co-op   June – December 2022
- Developed **C#** and **NodeJS** libraries to parse and convert data between JSON, **DataTables**, and **HTML** tables
- Coordinated with business partners to design automation to support and enhance **clinical trial audits**
- Automated bot exception handling and support using macros (**VBA**) and Outlook mail merge
- Designed extensive formulas to automate team weekly newsletter, saving colleagues **four hours** per week

Varsity Tutors   May 2022 – Present
Coding Instructor/Tutor
- Tutor 30+ students (including grad student) in **Java**, **Python**, **C#**, and **JavaScript** including machine learning and natural language processing concepts
- Taught 3 classes of 15+ students the basics of programming

The President's Alliance on Higher Ed and Immigration   June – August 2022
Summer Fellow
- Initiated and designed project for online information resource to improve higher education access for non-citizen us resident students (refugees, asylees, DACA)
- Wrote multiple **python** scripts and designed **java** programs to automate tedious processes including information gathering and sorting

EDUCATION

University of Louisville   **Louisville, KY**
Bachelor of Science in Computer Science   Expected May *2025*
- *Questbridge National College Match finalist, Kentucky Innovative Scholarship, Eleven Scholarship*
- ***Relevant Coursework:*** *Data Structures, Algorithms, Databases, Web Development, Operating Systems*

PROJECTS

HackMIT 2023 (Handwriting Teacher): https://github.com/arcturus3/handwriting-teacher   September 2023
- Won hackmit with web app to generate sample phrases with **GPT**, parse, score and give feedback to help master character writing in various languages
    - *OpenAI, OCR, Flask/Python, JavaScript*

Port Robot: https://github.com/DavidTeju/Port-Robot   September 2022 – January 2023
- Wrote software and designed **hardware integration** for cargo-offloading robot including algorithm for it to iteratively test and measure performance by tweaking weights on a cargo-priority function.
    - *Python, Raspberry Pi*

Random Tweeter: https://github.com/DavidTeju/Tweet-Generator/   September – October 2022
- Created bot, utilising **natural language model** trained on tweets, to post auto-generated tweets daily
    - *Python, Regex, Machine Learning*

Trend Reports Generator: https://github.com/DavidTeju/Trend-Reports-Generator   January – April 2023
- Designed, developed and documented configurable program to generate trend reports on my school's graduating student survey data from Qualtrics
    - *Python, Pandas, Flask, Qualtrics*

David-O-Meter: https://davidteju.dev/David-O-Meter/   April 2022
- Built site displaying ratio of sentiments of tweets containing "David"
    - *Java, JavaScript, Twitter API, Azure cognitive services, SCSS*

TECHNICAL SKILLS

- **Languages:** Java, Python, Dart, TypeScript, JavaScript, C#, Rust, SQL, Bash, C, C++
- **Software/Libraries:** Flutter, dotNet, React, Flask, Pandas, Selenium, jQuery, Junit, Scuba, BluePrism, Qualtrics