David Tejuosho

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EXPERIENCE

Google   Raritan, NJ
STEP Intern   May – August 2023
- Developing features for the Google Classroom mobile app to allow over **six million** teachers to excuse assignments and manage grading periods
- Testing and debugging the app for IOS and android using Android Studio and Firebase

Johnson & Johnson   Raritan, NJ
Technology Co-op   June – December 2022
- Developed **C#** and **NodeJS** libraries to parse and convert data between JSON, **SQL**-queryable **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 22+ 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 (see Excel/HTML parser)

TECHNICAL SKILLS

- **Languages:** Java, Python, TypeScript, JavaScript, C#, Rust, SQL, SCSS, Bash
- **Software:** JetBrains, Blue Prism, Visual Studio, Azure Cognitive, Dynamo, SQL Server
- **Frameworks/Libraries:** .NET, React, Flask, Pandas, Selenium, jQuery, JUnit

PROJECTS

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

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*

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*

Excel/HTML Parser: https://github.com/DavidTeju/MSAccess-HTML-Parser   June – October 2021
- Wrote program/scripts to understand and parse data into HTML and Excel formats
  - *Python, Java, Apache, RegEx*

EDUCATION

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