David Tejuosho

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EDUCATION

University of Louisville | Cumulative GPA 3.61 **Louisville, KY**
Bachelor of Science in Computer Science Expected May *2025*
- Management Leadership for Tomorrow Career Prep Fellow, Questbridge National College Match finalist, Kentucky Innovative Scholarship, Eleven Scholarship
- **Relevant Coursework:** Data Structures, Algorithms, Databases, Web Development, Operating Systems

TECHNICAL SKILLS

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

EXPERIENCE

Microsoft Redmond, WA
Incoming SWE Intern August – November 2024

Benchling San Francisco, CA
Incoming SWE Intern May – August 2024

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, organize, and analyze 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 python scripts and designed java program to automate information scraping and organization

PROJECTS

UofL Course Search: https://louie.davidteju.dev/ *Next.js, Express, TypeScript*
- Built fast, flexible search to help students explore and discover courses based on whatever topics they want to learn

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

Port Robot *Python, Raspberry Pi*
- 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

Random Tweeter *Python, Regex, Machine Learning*
- Created bot, utilizing natural language model trained on tweets, to post auto-generated tweets daily

Trend Reports Generator *Python, Pandas, Flask, Qualtrics*
- Designed, developed, and documented application to generate configurable trend reports on my school's student survey data from Qualtrics