David Tejuosho

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EDUCATION

University of Louisville | Cumulative GPA 3.77 — **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:** Graph Databases and Analytics, Machine Learning, Operating Systems

TECHNICAL SKILLS

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

EXPERIENCE

Microsoft — Redmond, WA
Software Engineer — September 2025 –

Microsoft — Redmond, WA
Software Engineering Intern — August – November 2024

- Implemented secure approval storage system for Microsoft Planner, Todo, Tasks, Forms and Project diagnostics tooling
- Created automated system for detecting and removing fully rolled out feature flags using AI code-gen including self-testing

Benchling — San Francisco, CA
Software Engineering Intern — May – August 2024

- Defined feature spec, wrote tech plan for and developed filtering feature for Benchling Structured Table Spreadsheets
- Remodeled cell selection, copy-paste, fill-down, cell-search, formula referencing etc. in data layer and UI to support non-contiguous operations

Louisville Automation and Robotics Research Lab — Louisville, KY
Student Researcher — August – December 2023

- Developed and maintained Ros/Gazebo simulation environment for the ARNA medical bot research study on the efficacy of human-precise control of motor-powered carts for use in hospitals and nursing homes.

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 parity 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 DAOs, with on-disk cache migration and feature rollout safeguards

Johnson & Johnson — Raritan, NJ
Technology Co-op — June – December 2022

- Developed C# and NodeJS libraries to parse and convert custom data between JSON, DataTables, and HTML tables
- Automated RPA 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

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): https://www.higheredimmigrationportal.org/undocumented-daca-students/data-tools/institutions/
- Wrote python scripts and setup cron jobs 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

UndocuStudent: https://undocustudent.org/ — Docker, *SveltKit, SupaBase, TypeScript*

- Deployed informational resource for immigrant students seeking higher education

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