

# 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 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, SvelteKit, 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