

# David Tejuosho

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## EXPERIENCE

### Google

Software Engineering Intern (STEP)

New York, NY

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

Technology Co-op

Raritan, NJ

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

Coding Instructor/Tutor

May 2022 – Present

- 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

Summer Fellow

June – August 2022

- 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 | Cumulative GPA 3.61

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
- **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

## PROJECTS

Louie's Catalog: <https://louie.davidteju.dev/>

September 2023

- Built **fast, flexible search** to help students explore and discover courses based on whatever topics they want to learn
  - *Next.js, Express, TypeScript*

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, utilizing **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 application to generate configurable trend reports on my school's graduating student survey data from Qualtrics
  - *Python, Pandas, Flask, Qualtrics*