

Daniyal Hussain

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EDUCATION

New York University, College of Arts and Sciences, New York, NY

Bachelor of Arts in Computer Science and Data Science

Graduated: May 2023

Cumulative GPA: 3.5

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, C#, Java, Python, R, HTML/CSS, SQL

Frameworks/Technologies: React, Next.js, PlanetScale, TensorFlow, PyTorch, Hadoop, Maven, WinUI 3, Git, Jira, Figma, REST API, Postman, Node.js, Agile/Scrum, AWS, Azure, Google Cloud, Jest, Mocha, Chai, Docker

PROFESSIONAL EXPERIENCE

Deloitte

June 2022 – August 2022

Software Engineer Intern

Remote

- Engineered SPA and SQL database for Ministry of Mining's user/business accounts with robust authentication
- Implemented page wireframes by designing front-end using JavaScript and OutSystems with optimized UX
- Delivered functional prototypes to enable client evaluations and feedback on user experience and design aspects

Berry Mount

June 2021 – January 2022

Software Engineer

Remote

- Overhauled company ERP and CRM software from excel spreadsheet/FocusERP hybrid-system to Odoo software
- Automated and trained team on invoice tracking, payment deposits, inventory management, vendor/client reports
- Integrated missing invoice tracker and mitigated inventory loss, restoring \$4,000-\$10,000 in business transactions

USME Supply Lines Trading

June 2020 – August 2020

Business Analyst Intern

Los Angeles, CA

- Constructed an internal program to produce pricing quotes, increasing quote frequency from weekly to biweekly
- Sourced new freight partners to reduce shipment costs, increasing weekly operational profitability by \$1,000-\$3,000
- Conducted cost-benefit analyses for business expansion, leading to the successful launch of two new products

University of California Los Angeles

June 2018 – July 2018

Research Assistant

Los Angeles, CA

- Streamlined manual data retrieval process from NIST to study effects of cryogenic cooling on hydrogen fuel
- Scraped database using Python and VBA with variable input parameters to generate error reports for models

PROJECTS

wandy.ai - SaaS AI Model Tuner | *TypeScript, React, Next.js, ClerkJS, PlanetScale, Drizzle, Zod, Stripe*

- Engineered full-stack solution for real-time AI model tuning & comparison, prompt generator, and training on documents

SlideResume.com - SaaS cover letter generator | *TypeScript, React, Next.js, ClerkJS, PlanetScale, Drizzle, Zod, Stripe*

- Produced a user-centric SaaS web app which automates personalized cover letter generation from uploaded resume

Leetcode AI Assistant - Chrome Extension | *JavaScript, React, Chrome MV3*

- Designed and built a Chrome extension which acts as an automated flashcard system for LeetCode, with AI assistance
- Leveraged latest Chrome APIs (MV3) to incorporate efficient DOM manipulation and optimize performance

KeyboardHookLite | *C#*

- Developed a low-level keyboard hook library for modern UI frameworks, with unmanaged code disposal
- Published on Nuget with over 3000+ user downloads and on GitHub with detailed documentation

NYU Course Tracker | *JavaScript, Puppeteer, Telegram*

- Utilized headless browser to scrape NYU course status and alert users in real-time for their class openings
- Bypassed session expiry using stealth features to avoid detection by randomly manipulating user agent

Other Projects: nextjs-pdf-parser, PlanetScale + Drizzle Boilerplate, OCR AI Assistant (Chrome Extension), Visualizer.coffee Shot Downloader (Website Scraper), ChatGPT Clipper (Chrome Extension), React Blackjack (Web App)