

Daniel Enesi

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EDUCATION

Grambling State University – Grambling, LA

August 2023 - May 2027

Bachelor of Science in Computer Science

Relevant coursework: CS 1, CS 2, Calc 1 – 3, Discrete Structures, DSA, [CodePath](#) Advanced Technical Interview Prep

EXPERIENCE

Google AI Hackathon 2024 | Remote ([View Online](#))

April 2024 – May 2024

- **Engineered** an interview platform using browser and Gemini **APIs**, **automating** question generation and rewriting, while focusing on **maintainability** of the codebase
- Programmed a feature for sharing customized interviews using **Django**, reducing **Gemini API** calls by 50% and promoting efficient program operations
- Coded a **responsive** interface using CSS and **JavaScript**, earning satisfactory evaluations from **100%** of testers

PROJECTS

Walk Finder Web Application - Lead Developer | Team of 10

April 2024 – Present

- **Led** team of **10**, using **version control** system for effective project management, resulting in 20% increase in project completion rate and on-time delivery of major milestones
- Configured real-time front-end updates by integrating **Django Channels**, **Redis** store, and **Web Sockets**, reducing data latency by 50% and enhancing user experience
- Assembled secure tracking system utilizing **geolocation API** and **web sockets**, capable of real-time monitoring for **10** users simultaneously, improving overall platform safety

[Django Multiplayer Game](#) – Backend and JavaScript Developer | Team of 2

June 2024 – August 2024

- Ensured **real-time synchronization** using web sockets instead of polling, improving server performance by 70%
- Implemented robust user **authentication** system with email confirmation, reducing unauthorized account access attempts by **100%** and enhancing overall application security
- Developed **complex** JavaScript algorithms for game **logic**, creating an engaging experience for **100%** of testers

[Python Website Image Extractor](#)

November 2023 – January 2024

- Devised efficient image extraction tool using **Python Standard Libraries**, capable of downloading **99%** of images from complex HTML and CSS structures
- Employed Set **data structures** for avoiding duplicate storage and enhancing application speed by **50%**
- Constructed Tkinter **GUI** supporting text input and button activation, boosting **non-technical user adoption** by 70%

[Web Application for Archive Management](#)

May 2023 – July 2023

- Fabricated backend simulation using Python's **built-in** http server and URL parsing, handling multiple requests per second and reducing development time by **40%**
- Concocted robust gateway interface facilitating seamless frontend to **backend** communication, processing 1 file upload per minute and improving archive management efficiency by 20%
- Fashioned responsive web interface with **JavaScript**, implementing interactive modals and **background processing** that reduced user wait times by 20% and increased engagement by **40%**

SKILLS

- **Languages:** Python, JavaScript, C/C++, MS Visual Basic, HTML/CSS
- **Frameworks:** Django, Node.js, Express, Bootstrap
- **Tools:** Git, GitHub, Docker, Replit, Vercel, Railway, Power Automate, PyCharm, VS Code, Google Cloud Platform
- **Libraries:** Requests, Pandas, NumPy, Matplotlib, Seaborn, PyAutoGUI, PyTesseract

CERTIFICATIONS

[Django Web Framework](#) | [Python Programming](#) | [Intro to Back-End Development](#) | [Intro to Databases for Back-End Development](#) | [Version Control](#) | [Getting Started with AI](#) | [Getting Started with Enterprise Data Science](#) | [Getting Started with Enterprise-Grade AI](#) | [Introduction to Prompt Engineering for Generative AI](#)

LEADERSHIP AND AFFILIATIONS

Association for Computing Machinery (Vice President) | CodePath Advanced Technical Interview Prep | AI4ALL | IBM SkillsBuild | National Society of Black Engineers | ColorStack | STEM NOLA | Windows Insider Program