MICKEY

Spain | 91273 | m | www.llinkedin.com | www.github.com

EDUCATION

school   May 2026
B.A Computer Science, minor in Mathematics, GPA: 4.13/4.00
Relevant coursework: Advanced Programming, Data Structures & Algorithms, Discrete Math, Linear Algebra, Multivariate Calculus

SKILLS AND CERTIFICATIONS

Languages: English, French (fluent); Spanish, Chinese (basic)
Programming languages: Java, Python, Javascript (including React.js), C, SQL
Softwares: Git, Excel
Certifications: Materials Science, certified by Brown University

WORK EXPERIENCE

Vetro Technologies | AI Engineer Intern   June 2023 - Present
Startup revolutionizing talent acquisition through AI powered people search and matching

- Contributed to the backend development of the application, the search engine, acquiring proficiency in multiple APIs, including OpenAI, SERP, and Proxycurl, utilizing their capabilities to enhance app functionality.
- Developed and implemented 15 search features, including GitHub and personal website search features, doubling the available options, improving user engagement.
- Expanded skill set by learning and utilizing AWS with REST APIs, including AWS Amplify and AWS Lambda, leveraging cloud services to optimize app scalability, performance, and overall user satisfaction.

Break Through Tech AI, Cornell Tech | Fellow   June 2023 - April 2024

- Selected to participate from over 1400+ undergraduates in an 18 month intensive course, paired with weekly hands-on lab sessions, providing a strong foundation in AI and machine learning.
- Developed expertise in constructing data analysis pipelines, training and validating models, and implementing machine learning algorithms, developing essential technical skills for AI and data science.
- Collaborated in teams to tackle real-world challenges from leading companies, including Google, JP Morgan Chase, American Express, Pfizer, and ASAPP, developing innovative and practical AI solutions.

PROJECTS

Virtual Cardiology Assistant | **Developer**   June 2023

- Developed, trained, and finetuned an AI model in Python using Scikit-learn to create an intelligent virtual assistant for cardiologists, reducing patient wait times and increasing efficiency for doctors offices, and able to predict the likelihood of a heart attack.
- Built a user-friendly web application using HTML, CSS, and Flask, allowing convenient access to the virtual assistant on various devices
- Implemented MongoDB integration for secure and scalable patient database, enabling storage and retrieval of data for hundreds of patients. Enabled AI model training by providing previously nonexistent data source.

Spotify Project | Developer   May 2023

- Produced a cross-platorm Android and iOS mobile app integrating artist information, a "Guess the Song" functionality, challenging users to identify a song from their playlist from a 30-second clip, and a playlist analyzer.
- Utilized React Native and connected the app to the Spotify API, allowing users to access and explore information about their favorite artists and songs

Reboot2Kids | Founder   2019-2022
Organization providing clean water and digital literacy for school children in Sierra Leone & Papua New Guinea

- Fundraised and received grants, raising $33,600 to provide smart clean water systems & computer labs
- Published book "Water Well: a resource on clean water for local communities" to help individuals/small communities self-implement access to clean drinking water
- Developed app "Water Well" for school children with resources and interactive material, available on Google Play

ACHIEVEMENTS

Dean's List, Barnard College of Columbia University   Fall 2022, Spring 2023
Graduating Class Honor Roll, International School of Geneva   2022
Certificate of Distinction, Prize of Excellence, International School of Geneva   2019-2022