Emmanuel Zeta
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PROFILE:
An innovative and target-driven physics graduate with a strong understanding of mathematical and statistical methods. Areas of interest include data science, machine learning and project management as well as full-stack engineering and data security.

EDUCATION:
BSc Physics | University of Nottingham | First Class Hons   **[2018 – 2021]**

BSc Physics, Relevant Modules:

- Computing for Physical Science
- Experimental Physics
- The Quantum World
- Thermal and Statistical Physics
- Wave Phenomena
- Theory Toolbox
- Nonlinear Dynamics and Chaos
- Solid State Physics

The City Academy, Hackney   **[2016 – 2018]**

A levels: Mathematics – A | Chemistry – A | Physics – B

EXPERIENCE:
ColorInTech – Tech Career Readiness Program   **[Feb 2022 – March 2022]**

Attended weekly workshops and networked with other software engineers as well as employers from tech companies such as Microsoft and DeepMind.

Codecademy – Full Stack Engineer Career Path   **[Dec 2021 – Current]**

- Built responses websites with HTML and CSS
- Utilised JavaScript to create interactive websites
- Created GitHub repositories and utilised git version control
- Utilised React and Redux to build single-page web apps that handling user actions
- Utilised node.js and Express.js
- Server and Feature testing utilising Test-Driven Dev
- Database Design (Advanced PostgreSQL)
- Developed deeper understanding of Data Security
- Studied Data Structures and Algorithms

Codecademy – Data Science Career Path   **[Dec 2021 – Current]**

- Utilised Python to create scripts
- Data Acquisition (SQL, Web scraping)
- Data Manipulation with Pandas and Data Wrangling and Tidying
- Data visualisation (Matplotlib and Seaborn)
- Natural Language Processing
- Supervised and Unsupervised Machine Learning.

PROJECTS:
Final Year Physics Project – Extraordinary Transmission through Acoustic Metamaterials

Utilised MATLAB, a Signal Generator, and a Lock-in Amplifier to generate sound waves of a specific frequency range from a speaker and to record and generate plots for the acoustic transmission data.

Personal Website

Built an interactive CV website using HTML, CSS, and JavaScript which showcases my experiences in greater detail.

Meme Generator Website

Utilised HTML, CSS, and JavaScript to build a meme generator which allows the user to select from a range of images or to upload their own images and add text to it to create their own personalised meme.

EMPLOYMENT HISTORY:
The Princess of Wales - Bartender   **[Jul 2021 – Current]**

- Aided in the running of trial shifts and trained new employees
- Liaised with team members to ensure efficient service to customers under stressful conditions
- Contributed to planning and running of events hosted
- Kept the morale of staff members and customers high

Informa PLC – Project Management Intern   **[Jul 2017 – Sep 2017]**

- Attended and recorded key points during AWS conference on cloud storage and databases
- Utilised Microsoft excel and word to reformat documents detailing information in agribusiness
- Organised documents into directories for a service that was in development

JD Sports PLC (Oxford Street) – Stockroom Associate / Sales Assistant   **[Nov 2016 – Mar 2017]**

- Handled and organised new stock shipments
- Interacted with customers in a professional and polite manner

REFERENCES: Available on Request