

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 responsive 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 – <https://eazeta.github.io/>

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
- Interacted with customers in a professional and polite manner
- 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

REFERENCES: Available on Request