

# Anna Anastasiadou

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<https://annaanastasiadou.github.io/portfolio>

<https://www.linkedin.com/in/anna-anastasiadou-46a873312/>

<https://github.com/AnnaAnastasiadou>

## Education

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**University of Edinburgh**, MSc in Computer Science (with Merit) Sept 2023 – Aug 2024

MSc Thesis: "Comparing the similarity of PostgreSQL query plans"

Built a tool for comparing PostgreSQL query execution plans to facilitate manual analysis of the impact of marked data types on execution strategies. Also investigated the relationship between plan similarity and query execution times.

Relevant Courses: Algorithms and Data Structures, Introduction to Databases, Human Computer Interaction, Software Development.

**Cardiff University**, BSc in Physics (First Class Honours) Sept 2020 – June 2023

BSc Project: "End-to-end Simulations of ARIEL Space Mission"

Conducted comprehensive simulations to characterize the performance of the ARIEL space mission, focusing on the effects of pointing vibrations and detector quantum efficiency errors on spectral measurements.

Relevant Courses: Structured Programming (python), Computational Skills for Problem Solving (python), Computational Physics (python)

## Experience

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**Web Developer Intern**, Dynamic Works Ltd – Nicosia, Cyprus July 2022 – Aug 2022

Introduced to HTML, CSS, JavaScript and SQL.

## Certificates

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- Responsive Web Design (freeCodeCamp)
- JavaScript Algorithms and Data Structures (freeCodeCamp)

## Relevant Skills

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**Languages**: Python, SQL, HTML, CSS, JavaScript,

**Technologies**: Version Control (Git), Command-line (Linux), PostgreSQL

## Achievements

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ETEK Award for achieving 20/20 each semester in the last year of Lyceum in Computer Science and at least 19/20 on the final exam (2019-2020)

## Languages

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English, Greek