

# MARIOS AVRAAM

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[Portfolio](#) · [GitHub](#)

## EDUCATION

2023 -

**POSTGRADUATE MSC ADVANCED COMPUTER SCIENCE**, UNIVERSITY OF MANCHESTER, UK

2020 - 2023

**UNDERGRADUATE BSC COMPUTER SCIENCE AND MATHEMATICS**, UNIVERSITY OF LEEDS, UK – **FIRST CLASS HONOURS**

- **Year 3:** Individual Project, Machine Learning, Graph Algorithms and Complexity Theory, Cryptography, Combinatorial Optimisation, Graph Theory, Combinatorics, Mathematical Methods. **Year Average: 72.3**
- **Year 2:** Numerical Computation, Algorithms, Groups and Vector Spaces, Logic, Vector Calculus, Data Mining, Formal Languages and Finite Automata, Artificial Intelligence, Compiler Design and Construction, Linear Differential Equations and Transformations. **Year Average: 63.7 / 100**
- **Year 1:** Procedural Programming, Number Systems, Probability and Statistics, Databases, Computer Processors, Introduction to Discrete Mathematics, Object Oriented Programming, Core Mathematics. **Year Average: 78.3 / 100**

2012 - 2019

**HIGH SCHOOL**, THE GRAMMAR SCHOOL, NICOSIA CYPRUS

- **GCE A Levels:** Computer Science (A), Pure Mathematics (A), Further Mathematics (B), Modern Greek (A)
- **GCE O Levels:** Biology (A\*), Chemistry (A\*), Physics (A\*), Computer Science (A), Mathematics (A\*), English Language (A), Accounting LCCI (Distinction)

## EXPERIENCE

SUMMER 2016 - 2021

**PART-TIME ACCOUNTING ASSISTANT**, A.G.S. LOGISTES, NICOSIA CYPRUS

- Entered transaction records in the Company's systems and books.
- Practiced book-keeping activities.
- Implemented appropriate formulae to calculate local tax rate for customers and record data in government's tax system.

**2019 - 2020**

**MILITARY SERVICE**, MILITARY BASE TASOU MARKOU, NICOSIA CYPRUS

- Driver of the Military Commander
- Manager of the Brigade's canteen.
- Learned how to handle financials of a small business in a fast-paced environment.

**SUMMER 2017**

**INTERNSHIP**, CYBEROPSIS WEBDATA LIMITED, NICOSIA CYPRUS

- Was presented to web and software development operations.
- Managed general coding tasks in Python3 and was introduced to python packages.
- Familiarised with basic concepts of HTML, CSS, AND JS.

## CERTIFICATIONS AND COURSES

**MAY – SEPTEMBER 2023**

**UDEMY CERTIFICATE**, 100 DAYS OF CODE: THE COMPLETE PYTHON PRO BOOTCAMP FOR 2023

Completed an intensive 100-day journey into Python programming. Covered foundational to advanced topics, culminating in the creation of diverse real-world Python projects.

**JUNE – SEPTEMBER 2022**

**UDEMY CERTIFICATE**, THE WEB DEVELOPER BOOTCAMP 2022

Explored a comprehensive range of web development topics, from frontend to backend technologies. Applied the learned skills to build and deploy a fully-functioning application called YelpCamp using Heroku and Git.

## SKILLS

- Python Programming. (Over 50,000 lines)
- HTML, CSS, AND JS. (Over 10,000 lines)
- Express JS, Node JS, Embedded JS. (Over 5,000 lines)
- MongoDB. (Over 1,000 lines)
- Experience with C and Java languages.
- Experience with SQL and NoSQL Databases.
- Microsoft Office applications.
- Proficient in Greek and English languages.

## INTERESTS

Crypto and NFT Enthusiast, Football.

## REFERENCES

Available upon request.