# Thomas Christou

**Amazon Business Intelligence Engineer**

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## Summary

Hardworking, driven, and open-minded individual with an ongoing passion for technology and data. Currently, undergoing an Industry Placement year at Amazon while pursuing a BSc in Computer Science and Artificial Intelligence at Loughborough University, with the goal to pursue a programming career.

## Education & Accomplishments

Loughborough University • Computer Science and AI Bachelor's degree – Concludes in 2025

- Introduction to algorithms: 87%;
- Computer Systems: 86%;
- Functional Programming (Haskell): 85%;
- Web Programming (HTML/CSS/JS/PHP/SQL ): 83%;
- Object Orientated Programming (Java): 82%;
- Introduction to Programming (Python): 81%;
- Logic for Computer Science: 80%;
- Team Projects (HTML/CSS/JS/PHP/SQL ): 73%
- Embedded Systems Programming (C++): 73%;
- Software Engineering: 71%;
- Mathematics for Computer Science: 70%;
- Databases: 66%;

Dartford Grammar School for Girls (Sixth form)

3 A-Levels in Maths, Computer Science and Economics (Grades A,A,B)

B Grade in EPQ about GDPR/Data ("Is GDPR sufficient in protecting personal data from being harvested by companies?")

Wilmington Grammar School for Boys (Secondary School)

10 G.C.S.E.s (3 Grade A*, 4 Grade A, 1 Grade B and 1 Grade C).

## Key Skills

Programming languages:
- SQL,
- Python,
- Java,
- HTML, TypeScript, CSS, JS, PHP,
- C++,
- Haskell

Tools & Platforms
- AWS
- Eclipse
- Visual Paradigm
- Visual Studio Code
- Visual Studio
- Notepad++
- Tableau
- Microsoft Office (Word, Excel, PowerPoint)
- Google Workspace
- Google Cloud

Ability to write and understand Class, Object, Sequence, Activity, State and Use Case Diagrams.

## Work Experience

Business Intelligence Engineer • Amazon        July 2023 - January 2024 & February 2024 – August 2024

Consecutive Internships for Amazon Robotics - Mechatronics and Sustainable Packaging in London involving writing Machine Learning Applications, building complex SQL queries, developing analytical solutions for business problems, creating reports and manipulating AWS data resources using ETL. Languages used – **(Python, Java, and SQL)**

### Additional Experience

- Work Shadowing at Simmons Wavelength, London in August 2022, completed an evaluation of a client's product line and work involving **RegEx**.
- Work Experience at Diamond Coatings, Halesowen in July 2019. Inputting data to a database, attended meetings and meeting senior staff.
- Work Experience at Markel International, London in July 2018. Undertook admin and shadowed a Lloyds insurance underwriter.

### Extracurricular

- Currently working towards PRINCE2 Agile qualification
- Gold Certificates in U.K. Mathematical Challenges for 2015 and 2016;
- Completed Duke of Edinburgh Bronze Award;
- S.T.E.M. Ambassador (Science, Technology, Engineering and Maths), which involved visiting other local schools to advise and engage students in STEM events;