

PAULINA GERCHUK

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EDUCATION:

2021-2025: Studying BSc (Hons) Computer Science and Artificial Intelligence at the University of Edinburgh

Year 1 (all graded A): Functional Programming in Haskell and Logic, Linear Algebra, Introduction to 3D modelling, Object Oriented Programming (Java), Calculus, Computer Simulation (Python)

Year 2 (grades tbc): Algorithms and Data Structures, Data Science, Computer Systems (A), Discrete Mathematics (A), Agents and Reasoning, Software Engineering Project

2011-2021: The Lady Eleanor Holles School, Hampton, London, TW12 3HF

GCSEs: Mathematics (9), English Language (9), English Language (9), Biology (9), Chemistry (9), Physics (9), Computer Science (9), Art (9), Geography (9), German (8), Russian (A*)

A-Levels: Mathematics (A*), Further Mathematics (A*), Computer Science (A*), Chemistry(A)

EXPERIENCE:

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|---|---|-----------------------------|
|  | AR Engineering Intern at Snap Inc. | June-September 2022 |
| | <ul style="list-style-type: none">Spent 13 weeks on the Interactive Engineering team, prototyping Augmented Reality experiences using JavaScript on the Lens Studio platformProduced a Snapchat Lens enabling indoor navigation through mapping a room with pattern-recognised markers and virtual persistent pathsPresented and demonstrated my project to AR Engineering team and intern cohort (100+ people) | |
|  | Hack the Burgh IX (University of Edinburgh hackathon) | February 2023 |
| | <ul style="list-style-type: none">Worked in a team, responsible for coding the front-end of a website to display real-time feedback and data analysis during lectures using HTML, CSS, JavaScriptWon awards for the Inclusivity Challenge and best use of GitHub | |
|  | Hack the Burgh VIII (University of Edinburgh hackathon) | February 2022 |
| | <ul style="list-style-type: none">Completed and demonstrated a project with my team, all in 24 hoursCoded in Python using Tkinter, winning an award for the most imaginative "hackiest" hack | |
|  | Applications of Neural Networks in the Arts essay | January-October 2020 |
| | <ul style="list-style-type: none">Used Python and Keras frameworks to program an image recognition CNNWrote a 5,000-word essay with academic sources and referencingAchieved an A grade in the additional EPQ qualification, equivalent to half an A-Level | |
|  | Intern at Ebury (a leading European fintech startup) | June-July 2019 |
| | <ul style="list-style-type: none">Assisted data analytics, marketing, sales, and trade finance teamsUsed SQL to analyse data held in BigQuery cloud spreadsheets | |

EXTRA-CURRICULAR ACTIVITIES & ACHIEVEMENTS:

- InfPALS Leader, providing peer tutoring sessions and support for first-year students at the University of Edinburgh studying Informatics, 2022/23
- Head of Sponsorship at Hoppers (Diversity in Informatics), reaching out and collaborating to build relationships and host events with technology companies, 2022/23
- Space Design Competition Regional and National winner (held at Imperial College London), 2020
- CyberFirst Advanced Cyber Security course, completed 2020
- A-Level representative for Computer Science, encouraging younger students to pursue the subject

SKILLS & INTERESTS:

- Experience in Python, JavaScript, HTML and CSS, Haskell, Java, and using Figma and Blender
- Additional Languages: Russian (fluent), German (beginner)
- Piano Grade 8 with Merit, 2018
- Travel, art, photography, surfing