OLIVIA MALLON

CV WEBSITE:
LINKEDIN: https://www.linkedin.com/in/olivia-mallon-5812261b4/
GITHUB PROFILE: https://github.com/oliviamallon
oliviamallon2020@gmail.com
07510065182
Northern Ireland Based

PERSONAL PROFILE

I'm a full-time software engineer at EverQuote, working in a full-stack team with a front-end focus. I'm passionate about using technology to make a difference, whether at work or through volunteering in youth programs. I recently graduated with First Class Honours in Computer Science from Queen's University Belfast, where I also served as president of the Computing Society. I love experimenting with new technologies like React, TypeScript, Next.js, and AWS, and have built a few side projects along the way—like a Python web scraper for student discounts. I'm always eager to learn and expand my skills!

EDUCATION

Bachelor of Science in Computer Science with Placement Year, Queen's University Belfast : First Class

Stage 3 Modules (2023-2024)

Computer Science Project - 70	Cloud Computing - 78	Video Analytics & Machine Learning - 73
Malware Analysis - 71	Network Security - 70	

Placement Year Modules (2022-2023)

Year of Professional Experience - Pass

Stage 2 Modules (2021-2022)

Professional and Transferable Skills - 83%	Theory of Computation - 92%	Data Structures & Algorithms - 93%
Introduction to AI & Machine Learning - 95%	Software Engineering & Systems Development - 82%	

I was awarded the Foundation Scholarship for 2021/2022 by Queens for achieving excellent examination results in this academic year

Stage 1 Modules (2020-2021) 1:1

Fundamentals of Maths for Computing – 86% Architecture and Networks – 86% Programming – 79% Databases – 87% Web Technologies – 82% Software Design Principles – 89%

Sullivan Upper School

A-Level Mathematics – A* A-Level Computer Science – A A-Level Religious Studies – A GCSEs (2016-2018) – 6 A*s and 5 As (including English and Maths at GCSE level)

TECHNICAL SKILLS / PERSONAL PROJECTS

- Programming Languages: Java, Python, C#, HTML, CSS, JavaScript, Visual Basic, React, Typescript.
- Applications: Visual Studio, Android Studio, Eclipse, VS Code, Atom, Microsoft Office 365, Microsoft Teams, Slack, Discord, Intellij

WORK EXPERIENCE

EverQuote, Belfast, Software Engineer Intern (Full time Graduate June 2024- Ongoing)

EverQuote, Belfast, Software Engineer Intern (Full time Placement)(July 2022-June2023)

- Worked in an agile team using React and Typescript in a full stack team with a front end focus.
- Worked on tickets for security, front end and full stack including cloud technologies such as AWS and serverless architecture.
- Building react components using tailwind and meeting business needs through sprints and Jira tickets.
- Worked with API frameworks to include across domain websites and using component libraries which build reusable components for our websites.
- Visited the Boston office twice for on-site meetings, learning business needs and the reason behind the technology and why we make it

as well as the difference it makes to our customers.

Sensata Technologies, Antrim, Systems Design Engineer (Part Time) (Sept 2021 – Sept 2021) Sensata Technologies, Antrim, (Summer Placement) (Jun 2021 – Sept 2021),

- Worked in a team, involved in daily stand ups and was able to communicate and update on the progress of testing Hubs and ReXs (Range Extenders) under pressure to ensure they were ready for shipment at the end of each week.
- Problem solving when issues occurred with Hubs, fixing them and reprogramming broken parts.
- Learned how standups work and communicated within different teams to ensure deadlines were met on time through communicating regularly in the office and via Microsoft Teams.
- Learned how Sensata's full stack system works for the TPMS (tyre pressure monitoring system), from tyre sensors to Sensata's app.
- Learned Linux commands and command line interface. Used Microsoft Teams for meetings as some colleagues worked from home.

MPL Contact, Holywood, Customers Services Agent (Sept 2020 – Mar 2021)

- Answered phone calls on behalf of other companies when phone lines were busy.
- Advised on company details (e.g. opening hours, appointments etc), booking appointments for customers.
- Communicated with other colleagues via slack, helping others to answer questions and asking for help when necessary.

The Original Factory Shop, Holywood, Sales Colleague (Jan 2019 – Jun 2019, Aug 2019-Jan 2020)

- Developed a knowledge for frequently used products, cleaning and tidying the shop floor.
- Entrusted with banking for the factory shop at the end of the day with other colleagues.

PROJECTS

Recipe Finder with Cost Feature – React, Typescript, API (Current Personal Project)

- Using an API and front end product using react and typescript, this will allow the user to enter in the number of people they are cooking for, dietary requirements and budget. The system will then return a list of recipes they can use as well as shops for the ingredients for those specified recipes.
- This is a work in process, currently building out the API and linking it to the Project.

University Web Development Project (University)

- Project: Web based Horror Escape room, working as a team through using Atom and GitHub.
- Communicated mainly through Discord and Microsoft teams. Responsible for holding meetings, taking minutes and each person working in one room of the escape game (in total there were five rooms).
- Organising paperwork, including flowcharts, how the system worked from the backend and working alongside others virtually.
- Involved: analysis, design, storyline planning and testing.

Meal Calculator Website – HTML, JavaScript, CSS (Personal)

- Meal Calculator website. Within university accommodation, each person cooks from Monday to Friday on a rota. We share the meal costs between us, depending on who is there for meals. I developed a website (in HTML, JavaScript, CSS) to work out the calculations for each person. It then will work out which person owes money or is owed money, so the cost is shared equally. Also available on GitHub.

VOLUNTEER EXPERIENCE

President/Secretary/Events Team, Queen's Computing Society (Oct 2020-2024)

• Planning events, for example, company workshops, online games nights, open days, photo competitions and hackathons. •
Replying to emails from companies and organising meetings and sponsorships for events.

Sunday School Leader/ Youth Leader (Sept 2016- Ongoing)

• Volunteered as a leader while working in a team, organised and lead games, activities, talks, tidying , juice, craft and other accidents.

• Collaborated with others and worked as a team throughout those weeks and years. Strengthened relationships amongst children/youth and parents.

Summer Camp Leader / Holiday Bible Club Leader (2017-Ongoing))

• Organisations involved in: Scripture Union Northern Ireland (SUNI), Baptist Youth, Carrickmacross Baptist. • Interacted and looked after children who may feel homesick/unwell while attending camp; made sure every child was involved and enjoyed each camp in each activity.

• Entrusted with building up relationships with each camper and ensured campers had fun and were involved in each activity planned.