

# Chloe Stuart

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## PERSONAL SUMMARY

Motivated Technology Solutions Graduate at Baillie Gifford with a strong foundation in mechanical engineering and programming. Currently expanding skills in infrastructure management, software engineering, and cybersecurity through a rotational graduate scheme. Passionate about social mobility, sustainability, and advancing technology for societal good. Looking to apply my technical expertise to create impactful solutions aligned with my values.

## TECHNICAL SKILLS

*Programming & Scripting:* SQL, PLSQL, C#, .NET, Python, PowerShell, JavaScript, HTML, CSS

*Software & Tools:* ServiceNow, Git, Visual Studio, Kubernetes, Azure, Atlassian, DriveWorks

*Database & Networking:* SQL, PLSQL, Infrastructure Management

## KEY PROJECTS

### Master's Team Project – Automating Antibiotic Testing

- Led a team project that automated the testing of the minimum inhibitory concentration (MIC) of antibiotics using Python libraries for machine learning and image analysis.
- Developed algorithms to automatically analyse petri dishes containing bacterial strains against varying antibiotic concentrations, streamlining lab processes and increasing testing efficiency.
- Integrated image recognition techniques to identify bacterial growth patterns and provide accurate, real-time results, improving accuracy and speed in antibiotic resistance testing.

### Automated Systems Monitoring Solution

- Developed a PowerShell script to improve system monitoring, reduce incident response time and optimise resource allocation.
- Integrated DriveWorks and PRTG technologies to improve network monitoring and reduce downtime.

## WORK EXPERIENCE

### Baillie Gifford

*Technology Solutions Graduate*

**Edinburgh, Scotland**

*September 2024 – Present*

- Participating in a rotational graduate scheme, gaining experience in software engineering, infrastructure, and cybersecurity.
- Completed in-house training in SQL, PLSQL, Angular, C#, .NET, Python, and Kubernetes.
- Currently supporting the ServiceNow platform, administering it for multiple internal teams and assisting with platform testing during upgrades.
- Planning future rotations in Networks and Cyber Security.

### DriveWorks

*Systems Developer (Part-Time Student)*

*July 2023 – March 2024*

**Warrington, England**

- Developed automation solutions using PowerShell and C#, enhancing operational efficiency.
- Contributed to product innovations and customer-centric features in a fast-paced environment.

### DriveWorks

*Applications Engineer (Placement Student)*

*July 2022 – July 2023*

**Warrington, England**

- Provided global technical support and conducted quality assurance testing to ensure product quality.
- Enhanced product functionality and user experience through collaboration with cross-functional teams.

## VOLUNTARY EXPERIENCE

### Zero Gravity

*Mentor*

**Remote**

*November 2022 - Present*

- Guided aspiring applicants through university life, delivering tailored weekly sessions and fostering solid relationships whilst helping students explore technology-related career paths.

### DriveWorks

*ESG Committee Member*

**Warrington, England**

*August 2022 - July 2023*

- Collaborated across functional teams to drive the implementation of sustainable business practices and initiatives, resulting in a substantial reduction in our carbon footprint and a notable increase in employee engagement.

## EDUCATION

### University of Leeds

*MEng BEng Mechanical Engineering with a Year in Industry (2:1)*

**Leeds, England**

*September 2019 - July 2024*

- Recipient of the Access to Leeds Scholarship
- Active member of the 93% Club and Zero Gravity Social Mobility projects

## INTERESTS

Environmentalism, Social Mobility, Running, Cooking, Programming, Languages