

# Faiza Gul

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## Education

### BSc (Hons) Artificial Intelligence and Computer Science

University of Sheffield

2020 – 2024

Grade: 2.2

- **Dissertation:** "Comparing Reservoir Computing and Deep Learning Methods in Classification Tasks"
  - **Award:** Software Hut Prize (Client), 2023-24 – Recognized for excellence in software development for a real-world client, awarded to the team deemed to have developed the most effective software solution –
    - **Skills demonstrated:** Ruby on rails, Agile development, client interaction, team management and project management
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## Experience

### AI Trainer

Outlier

August 2024 – Present

Part-Time, Remote

- **Evaluated and rated AI-generated responses**, focusing on identifying strengths and weaknesses to enhance model performance.
- **Conducted rigorous testing of machine learning models** to identify potential issues, ensuring accurate and reliable outputs.
- **Provided detailed feedback on AI responses**, aiding in the refinement and optimization of models.
- **Collaborated** with team members to develop strategies for improving AI accuracy and user satisfaction.
- **Documented findings** and provided recommendations for model enhancements, contributing to the ongoing development of high-performing AI systems.

#### Skills Demonstrated:

- AI Response Evaluation, Machine, Python/Programming, AI Feedback and Improvement, Data Annotation
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### Research Assistant

Nuffield Placements

July 2019 – September 2019

Internship, Leicester, UK

- **Spearheaded an 8-week Nuffield Foundation project**, analysing Shakespearean scripts to identify authorship.
- **Innovated a Python tool** with Selenium and Chrome WebDriver to automate the extraction of over 500 play scripts, reducing manual data entry time by 60% and increasing productivity by 30%.
- **Utilized the scraper** to scan 17th-century playscripts, successfully achieving the main objectives outlined by the research team.

#### Skills Demonstrated:

- Python, Selenium, Web scraping, WebDriver, Research, User requirements
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## Projects

### Faiza's Hub | Personal Website Development

June 2024 – Present

- **Designed and developed** Faiza's Hub using HTML, CSS, and JavaScript, with a focus on responsive design utilizing the Bootstrap framework.
- **Managed cloud hosting and deployment** on Heroku, utilizing Heroku's Dynos for scalable deployment and monitoring.
- **Configured domain management** through providers like GoDaddy and set up DNS records to ensure reliable website access.
- **Secured the website** with SSL certificates, enhancing security and ensuring encrypted user connections.
- **Version control and smooth deployment** by implementing CI/CD pipelines with GitHub Actions, enabling automatic testing and continuous delivery of updates.

### *Skills and Tools:*

- HTML, CSS, JavaScript, Bootstrap, Heroku, Git/GitHub, CI/CD Pipelines, SSL Certificates, Domain Management, Responsive Design
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### **Revolt Bot** | Discord Bot Development

*January 2023 – Present*

- **Led full lifecycle development** of Revolt Bot, including coding, testing, and deployment.
- **Developed the bot** using Node.js and Discord.js, implementing custom commands and features to enhance server functionality.
- **Managed cloud hosting and deployment** on AWS, ensuring 99% uptime and seamless performance across multiple servers.
- **Implemented event-driven programming** to handle real-time user interactions, improving responsiveness and user engagement.
- **Utilized GitHub for version control**, managing code revisions and enabling efficient collaboration and continuous integration.
- **Enhanced development workflow** with CI/CD pipelines using GitHub Actions.

### *Skills and Tools:*

- Node.js, Discord.js, AWS, Event-Driven Programming, Git/GitHub, Modular Development, Security Practices
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## Technical Skills Summary

- **Programming Languages:** Python, JavaScript, Ruby, HTML/CSS, Java
- **Frameworks:** Ruby on Rails, Bootstrap, Flask, Node.js
- **Libraries:** Discord.js, Pytorch, Pandas, Selenium, Seaborn
- **Tools & Platforms:** Heroku, AWS, Git/GitHub, CI/CD Pipelines, SSL Certificates
- **Other Skills:** Data Annotation, AI/ML, Event-Driven Programming, Domain & DNS Management, Security Practices, Project Management