Rahul Shrestha

Studying: BSc Computer Science with Artificial Intelligence

GitHub | LinkedIn | Portfolio
Term Location: Huddersfield, UK – Willing To Relocate
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Profile

A friendly and polite Computer Science undergraduate specialising in Artificial Intelligence. Holds a strong interest in technology engineering, backend development, and data-driven systems. Experienced in building Java applications, database-backed web systems, and analytical Python projects through academic and independent work. Organised, enjoys working independently and loves working with others in a team, generating new ideas together and solving problems. Seeking a 12-month industrial placement to apply engineering fundamentals, develop large-scale systems skills, and contribute to secure, reliable technology solutions.

Education

University of Huddersfield, Huddersfield, UK   2024 – present
BSc Computer Science with Artificial Intelligence   *Expected Graduation: 2028*

Year One Modules & Results		Year Two Modules Results Pending
Computer Hardware	**A**	Introduction to AI
Software Design & Development	**A**	Data Structure & Algorithms
Discreet Mathematics for Computing	**A**	Team Project
Project Skills	**A**	Relational database, web integration
Academic English Skills	**B**	Computational Mathematics 1
Computer Networks	**C**	Object orientated system development

Herald International College, Kathmandu, Nepal
Higher Secondary Education (NEB – Science) Completed: 2024

Equivalent to UK A-Levels in Science.

Certifications & Achievements

- Networking Fundamentals – Credly Verified Digital Badge
- Django Framework Certificate – backend development fundamentals
- Top 10 Academic Performance – International Year One (2025), University of Huddersfield
- Web Development Workshop (7 Days) – HTML, CSS, JavaScript fundamentals

Technical Skills

- **Programming Languages:** Java, Python, PHP, SQL, JavaScript
- **Web & Backend:** HTML5, CSS3, backend development, CRUD operations, authentication
- **Databases:** MySQL / MariaDB, relational schema design, SQL joins and aggregation
- **Tools & Platforms:** Git, GitHub, Linux (Ubuntu), VS Code, XAMPP, phpMyAdmin
- **Core Concepts:** Object-oriented programming, debugging, documentation, problem solving

Relevant Projects

Database-Driven Web Application (PHP & MySQL)

- Designed a relational database schema to manage structured records securely
- Implemented backend functionality including authentication and full CRUD operations
- Developed SQL queries involving joins and aggregation for reporting and data retrieval

Stock Price Prediction Project (Python)

- Analysed historical stock market data using regression techniques
- Implemented Linear Regression and Random Forest models
- Evaluated model performance using MAE, RMSE, and R^2

Employment Experience

The Belgian Waffle Company   General Assistant   July 2025 – present

- Serve customers food/drinks in a polite manner, answer questions re menu, allergies etc.
- Process payments, cash /card, ensuring accuracy of each sale.
- Set up counters, prepare ingredients, toppings, ready for service.
- Open store, check cleanliness. Keep areas clean and tidy through a shift.
- Work with other team members , helping others out during busy periods, ensuring smooth service and business operation.

Part-Time Employment (Support Agency Roles: Factory Work) *UK As and when required*

Additional Information – Right to Work UK

Eligible for a 12-month industrial placement in the UK.

References – available upon request