

Ramis Bhatty

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PROFILE

Fourth-year MEng Computer Science with Artificial Intelligence student at the University of Southampton. Developed problem-solving, design and analytical skills through coursework projects in team and individual settings. Seeking a summer internship to apply and extend technical skills.

EDUCATION

University of Southampton Sep 2023 – Jun 2027
MEng Computer Science with Artificial Intelligence Predicted: First

Relevant Modules: Algorithmics, Programming, Software Design & Engineering, Machine Learning, Computer Vision
Netcraft Prize: Top 10 in Part I & II Computer Science (BSc, MEng), Software Engineering (BSc, MEng)

Bournemouth School Sep 2016 – Jun 2023
4 A-levels: Maths (A*), Computer Science (A*), Further Maths (A), Physics (A)
10 GCSEs: achieved at grade 9 including Maths, Computer Science and English

RELEVANT PROJECTS

Ad Auction Dashboard Feb 2025 – May 2025
Java (Maven), SQL (DuckDB), XML | IntelliJ, Git, GitHub | UML, Agile, Modular Code, Unit Testing

- Developed an application for evaluating advertising campaigns as a group coursework project, implementing user authentication, database handling, and a user-friendly front-end.
- Collaborated in a team of 5 following Agile sprints, applying MVC architecture and maintaining code quality through Git branching and unit testing.

CQL Programming Language Mar 2025 – May 2025
Haskell (Stack), Alex, Happy | VSCode, Git, GitHub | Programming Languages, Relational Algebra

- Designed an SQL-like query language for CSV documents as a coursework project. Implemented an executable interpreter that allows for .cql programs to be run alongside a VSCode extension that provides syntax-highlighting for writing these programs.

Traditional Scene Recognition Nov 2025 – Jan 2026
Python 3, OpenCV, scikit-learn, TeX | Pycharm, Git, GitHub, Overleaf | Computer Vision, Academic Reporting

- Compared methods of scene recognition using traditional computer vision and classification technique as a coursework project. Implemented three progressively complex pipelines including using bag-of-visual-words, spatial pyramids, and SVM classification.
- Structured a scientific report detailing implementation and discussing performance differences using relevant figures and citations.

TECHNICAL SKILLS

Languages: Java, Python, Julia, Haskell, SQL, C#, C, JavaScript/Typescript, HTML, CSS, Lua
Frameworks: Maven, Stack, .NET, Svelte
Tools: Git, GitHub, Gitlab, LaTeX, Jupyter Notebook, JetBrains IDEs, VScode, Linux, Docker
Practices: OOP, Agile, UML, Design Patterns, Unit Testing, Academic Reporting, REST

RELEVANT INTERESTS

Self-host services on a personal Linux server, including a web frontend for locally deployed LLMs running via CUDA on a separate GPU-accelerated machine, developing practical skills in networking, REST API integration, GPU computing, and system administration. Experienced in reading and debugging unfamiliar open-source Java codebases, including identifying faults, modifying source code, and recompiling builds.