Waseef Mohammad Khan

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EDUCATION

King's College London   London, United Kingdom

BSc Computer Science with a Year in Industry   **Sep 2023 - July 2027**

Relevant Modules: **Programming Practices and Applications**, **Introduction to Software Engineering**, **Data Structures**, **Database Systems, Practical Experiences in Programming, Software Engineering Group Project**

EXPERIENCE

NOTION - *CAMPUS LEADER*   **September 2024 - Present**

- Successfully onboarded **100+** students to the Notion Education Plus plan, fostering a thriving community of Notion users at KCL.
- Hosted multiple **workshops** to educate and inspire students about the power of Notion.
- **Collaborated** with Notion Campus Leaders from universities like UAL and UCL to share best practices and **organise joint initiatives**.
- Created engaging social media content that has garnered **5000+ views**, increasing awareness of Notion and its benefits.

KCL TECH - *HACKATHON MANAGER*   **July 2024 - Present**

- **Engineered** the transition of legacy website code to Next.js and Tailwind, in partnership with the Website Manager, resulting in enhanced web performance.
- **Developed** optimized content editing workflows for the Marketing team, facilitating more efficient publication of promotional materials.
- **Facilitated** engagement with TechSummit 2024 panelists through proactive outreach and virtual meetings, held at King's College London's Bush House.
- **Spearheaded** CultureHack 2024, achieving a 175% surge in participant registrations compared to the previous year, generating over 1,000 social media interactions, and overseeing comprehensive event logistics, marketing campaigns, and stakeholder coordination.
- **Directed** FirstYearHack 2025, securing 2000+ user engagements across social media. Roles included full lifecycle event planning, marketing strategy execution and judging.
- **Orchestrated** HackLondon 2025, yielding 250+ participants and 6000+ social media interactions. Responsibilities encompassed comprehensive event logistics, overnight operational management, and seamless judge coordination.

THE HEADSTARTER - *SOFTWARE ENGINEERING FELLOW*   **July 2024 - Sep 2024**

- Led and collaborated with cross-functional teams using **Agile** methodologies to **manage project timelines** and deliverables across **6 AI-powered projects**, including a final capstone.
- **Finalist** in the 2nd Hiring Hackathon, teaming up with 3 peers to develop and **launch** an intuitive DevOps tool for the Datalogz track.
- Gained hands-on experience with Next.js, Firebase, **RAG**, Pinecone, SonarQube, AWS, and various **LLM models** through weekly project development.
- Drove user engagement, achieving **300+ interactions** across 5 projects and nearly **4000+ social media engagements**.
- Expanded professional network by connecting with **50+ fellows** and software engineers.
- Demonstrated **strong problem-solving skills**, maintaining a coding problem-solving average of 75%, with a peak score of 85%.
- **Organised** and facilitated in-person networking events for Headstarter fellows in London, UK.
- Participated in weekly sessions with engineers from Google, Y Combinator, Stanford, Amazon and venture-backed startups.

W-15 INTERACTIVE (AMATEUR) - *FOUNDER*   **May 2018 - Present**

- Launched [Xylia](#) with **200 users** and **100+** initial waitlist signups.
- Launched [Caelgor](#) - a Pomodoro app with **50+ users**.
- Led teams of 3-4 and released 6 2D-jRPG games, achieving **3500+ interactions** & **450+ downloads**.
- Reached more than **5000 users** on social media.
- Participated in multiple **game jams**.
- **Designed** and regularly updated the blog website.
- Built the [main website](#) using React, Node.js, and Material UI.
- Launched **Calgwin EduLabs**, an **EduTech** page focused on teaching computer science concepts, programming, AI and other technologies.

PROJECTS _____

UniVerse | [LINK](#)   **March 2025**

- **Led** a team of 8 to provide a comprehensive platform for university student societies to manage their own custom webpages, and for students using the website to browse and interact with them.
- Submission for KCL Computer Science's 5CCS2SEG - Large Group Project
- Tech Stack: React, Bootstrap, Django, Supabase, Netlify and Heroku

Xylia | [LINK](#)   **January 2025**

- **Developed** a wishboard application where people can create, customise and invite people to add cards to boards, celebrating their achievements, milestones or events.
- Tech Stack: Next.js, Tailwind, Firebase, MongoDB, Supabase, and TypeScript.

Caelgor | [LINK](#)   **January 2025**

- **Launched** a pomodoro application where people can also listen to Lo-fi music.
- Tech Stack: Next.js, Tailwind, Firebase, and TypeScript.

Games under W-15 Interactive | [LINK](#)   **June 2018 - Present**

- Led a team of 3-4 to release 6 2D jRPG games using the RPG Maker engines.
- Focused mainly on game design, story writing and quality assurance.
- Collaborated with 2 individuals and 2 organisations for competitions.

OrbitFind | [LINK](#)   **September 2024**

- Led a team of 4 to launch an event discovery platform with gamified elements and AI features. Users can search and RSVP to events, as well as host their own events, earning badges and achievements.
- Achieved over 500+ in user activities, and 130+ waitlist users.
- Tech Stack: React, Tailwind, Flask, MySQL, Node.js, AWS, Python, TypeScript.

GitLogz | [LINK](#)   **August 2024**

- Collaborated with 3 people to build a DevOps tool that monitors & flags declining code quality in open source repositories.
- **Finalist submission** for Headstarter's 2nd Hiring Hackathon.
- Tech Stack: React, Material UI, Express, Node.js, PostgreSQL, SonarQube, Python.

StellarDeck | [LINK](#)   **August 2024**

- Developed a flashcard SaaS that leverages AI to generate flashcards from collections.
- Achieved over 100 user activities within the first 7 days.
- Tech Stack: Next.js, Material UI, Firebase and TypeScript.

HeartSpeak | [LINK](#)   **August 2024**

- Developed an AI-powered mental health chat assistant with user authentication.
- Tech stack: Next.js, Tailwind, Firebase, AWS EC2, AWS Bedrock API.

PantryPilot | [LINK](#)   **August 2024**

- Developed a pantry management app with image upload functionality.
- Tech Stack: Next.js, Material UI, Firebase, GitHub Actions, Vercel.

Wedge - AI-Powered Productivity Platform | [LINK](#)   **June 2024**

- Developed an AI-powered task management application that generates subtasks for tasks through RAG. It also has an AI productivity assistant.
- Tech Stack: React, FastAPI, Azure CosmosDB w/ MongoDB, Azure OpenAI, Langchain.

EXPerience | [LINK](#)   **March 2024**

- Led a team of 4 in building a task and habit management application using MongoDB, Express, React, Node.js, and Bootstrap.
- Implemented both the frontend and backend, making sure the API endpoints are responsive and working correctly.

NatureNetwork. | [LINK](#)   **February 2024**

- Led a team of 4 in building a volunteer matchmaking platform that allows people to create postings for volunteer work, matching them with people based on tags and preferences.
- **Winning submission** for KCL Tech's FirstYearHack 2024.
- Tech Stack: MongoDB, Express, React & Node.js.

SKILLS SUMMARY_____

- **Languages**: JavaScript, TypeScript, HTML, CSS, Python, SQL, Java, C++, Scala
- **Frameworks**: Node.js, React, MongoDB, Express.js, Django, FastAPI, Next.js, AWS, Firebase
- **Skills**: Full-stack, Frontend, Backend, RESTful APIs, AI Engineering
- **Soft Skills**: Storytelling, Leadership, Project Management, Public Speaking, Teamwork