

George Adadi

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Education

Trinity College Dublin | Computer Science and Business | Expected Graduation: 2027

Grades Expected: First Class Honours

- **Relevant Coursework:** Programming, Data Structures & Algorithms, Mathematics, Finance, Statistics

Secondary School Name – St. Vincents Secondary School, Glasnevin

2018 - 2023

- **Irish Leaving Cert:** 601 points

Experience

TOMRA Sorting LTD

Dublin, Ireland

Software and AI Intern

July 2025 – September 2025

- Designed and developed the project's testing framework using Playwright with BDD, ensuring full coverage and portal functionality.
- Built and managed the migrations and seeding of a dedicated Postgres test database, implemented via Docker Compose and administered through pgAdmin.
- Containerised frontend, backend and database environments by creating reproducible Docker images to streamline local development and testing.
- Integrated the automated test suite into Azure DevOps, delivering a CI/CD pipeline triggered seamlessly on frontend portal changes.

Outlier AI

Remote

Freelance AI Prompt Engineer

May 2025 – July 2025

- Evaluated and ranked AI-generated responses across a variety of prompts, ensuring prompts met standards of relevance, clarity and accuracy.
- Wrote and refined prompts and responses, often involving fact checking and research to improve model's performance and user experience.
- Identified and reported edge cases, inconsistencies or bias in AI outputs, providing feedback to guide model tuning.
- Used knowledge of Java, Python and C++ to assess coding related responses.

Projects

SWENG x TOMRA: AI Image Classification Engine

- Designed and implemented the contract between the image classification model and backend, deployed Neo4j on Azure, and integrated gRPC with retry logic to ensure robust storage and retrieval of images.
- Built Azure Blob Storage integration to convert image uploads into URIs, significantly improving throughput and portal performance for refining TOMRA's recycling AI models.
- Performance directly resulted in a summer 2025 internship, followed by a return part-time role offer once completed.

DublinPad AI

- Implemented property data ingestion via Gemini and Daft APIs and designed LLM prompts to generate curated property suggestions based on user preferences and needs.
- Built an interactive frontend and backend pipeline, emphasising reliability and UX, which secured first place.

Technical Skills

- Programming: Python, Java, C++, JavaScript, TypeScript
- Frontend: React, Next.js, Tailwind, Vite
- Backend: gRPC, REST APIs, Node.js
- Database: PostgreSQL, Prisma, Redis, SQL
- DevOps/Cloud Platforms: Azure Blob Storage, Docker, Azure DevOps
- Version Control: Git, GitLab, GitHub

Achievements

- Google AI Hackathon Winner Dublin 2025
- Placed 7th in Rotman's International Trading Competition in Ireland.
- Volunteer S2S Mentor in TCD for CSB Students
- Received Entrance Exhibition Award – Trinity College Dublin.
- Awarded Student of the Year for six consecutive years and a €2000 grant.
- Merit Award in the Trinity Book of Kells Art Competition.