

# Arman Bayatmaku

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## EDUCATION

### Durham University

Master of Science in Advanced Computer Science (Artificial Intelligence)

Durham, United Kingdom

Sep 2025 – Sep 2026

- Expected Grade: Distinction
- Dissertation: Using large language models to deobfuscate and reverse-engineer programs; benchmarked LLMs across program types (games, algorithms, applications) and multiple obfuscation levels, combining published and self-designed benchmarks
- Relevant Modules: Machine Learning, Deep Learning, Reinforcement Learning, Natural Language Processing, Recommender Systems, Human–AI Interaction

### Middle East Technical University

Bachelor of Engineering in Computer Engineering

Northern Cyprus

Sep 2019 – Jun 2024

- Final Year Project: W-Sample, a full-stack web app (React, Python Flask, PostgreSQL) that helps governments and corporations streamline making their websites compliant with new EU web accessibility laws; built as a team over two semesters with monthly progress reporting

## WORK EXPERIENCE

### Kasdena

Founding Engineer (Sole Engineer), software development studio

Remote

Apr 2026 – Present

- Generated £10k+ revenue in the first 3 months, delivering web products for 5+ satisfied clients as sole engineer
- Building a web-based CRM for Eventale (Märtens und Schumacher GbR, Berlin) on top of their existing AWS-hosted system: analysed the current platform to shape the new design and planned the migration of their live data
- Maintain 99.9% uptime for client websites on a self-managed VPS, running one Docker Compose stack per site behind a shared Nginx reverse proxy with Let's Encrypt TLS

### Landit

Founding Engineer (Sole Engineer), early-stage tech startup

Remote

Sep 2026 – Present

- Applied to and secured places on two accelerators, Durham Venture School and Kickstart Global (0.1% acceptance rate)
- Built and launched the product end to end, gaining 50+ users within a month
- Conducted 15+ user interviews to prioritise development, from UI improvements to upcoming features; the resulting changes received positive feedback in follow-up interviews
- Met 5+ investors and professionals, including lawyers, and improved the app based on their feedback

### Proven Information Technologies

ASP.NET Developer Intern

Ankara, Türkiye

Jul 2023 – Sep 2023

- Built interactive web applications in C# and ASP.NET, with databases designed through models, controllers and migrations
- Wrote reusable code and libraries for future projects; diagnosed problems and put fixes in place
- Worked with the tech team on shared code through Git and GitHub, adopting corporate-level version-control workflows

### Akdeniz University, IT Department

Software Engineering Intern

Antalya, Türkiye

Jul 2021 – Aug 2021

- Developed and implemented user-interface components using HTML, CSS and JavaScript
- Built Android features in Java (Android Studio) for a senior developer's application, working alongside the in-house team

## EXTRACURRICULAR ACTIVITIES

### 8x × Entrepreneurs First Hackathon

Participant

London, United Kingdom

Jun 2026

- Came up with the idea that became Landit and placed 3rd out of 30+ teams
- Built a working Flutter prototype with a Supabase (PostgreSQL) backend and demoed it to the judges, showing the chatbot, each user's data-processing steps and their matched benefits
- Designed a cost-tiered LLM pipeline: a high-end model pre-builds the benefits database, while low-cost Gemini models match users' documents to eligible benefits and run a token-limited chatbot

### Dengem, Teknofest Türkiye

Competition Project, Technological Applications in Psychology

Türkiye

Sep 2024

- A mobile app designed to connect patients to professionals directly from their phone; placed 19th out of 3,000+ participating teams
- Built the app's encrypted chat in Flutter (Dart), letting patients message professionals and AI agents
- Developed a personalised therapy guide for each user, based on their profile information and chat inputs
- Collaborated with teammates from psychology and other fields of study, learning to properly understand the needs of people outside my field

## ADDITIONAL INFORMATION

**Languages:** English (Advanced), Persian (Native), Turkish (Native), German (Beginner)

**Technical Skills:** Python, JavaScript, C#, Java, C++, C, Kotlin, Swift, Dart, SQL; React, Flask, ASP.NET, HTML/CSS, Flutter, Android; PostgreSQL, Docker, Docker Compose, Nginx, Let's Encrypt, Linux VPS, Git; PyTorch, NumPy, Pandas, LLM evaluation and benchmarking

**Interests:** Sub-4-hour marathon time, piano, live music, travelling, embedded development