

# Ali Dashti

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## Professional Summary

A motivated and adaptable individual, passionate about continuous learning, innovation, and problem-solving. My desire to pursue these interests led me to step into AI for Engineering, where I can pursue my dreams and stay relevant in the tech industry. Having hands-on experience working with dynamic teams and effective teamwork during my studies, I have built strong communication and collaboration skills, as I believe these factors are the key to individual and organizational growth.

## Education

### Master's in Artificial Intelligence for Engineering and Design

*University of Bath | September 2024 – Current*

- Specialized in AI topics including machine learning, deep learning, IoT, digital twins, and process automation.
- Engaged in a comprehensive research project, applying advanced AI knowledge to address engineering challenges.

### Bachelor of Science in Software Engineering

*Southampton Solent university | September 2020 – 2024*

- Acquired expertise in full-stack development (JavaScript, HTML, CSS, Python, Java) and backend systems (SQLite, PostgreSQL, MongoDB, Firebase).
- Developed "*My Journey Footprint*", a web application to calculate carbon emissions based on travel, as part of an industrial consulting project ([GitHub link](#)).
- Built a stock price prediction tool leveraging machine learning algorithms and real-time data from Yahoo Finance ([GitHub link](#)).
- Hands-on experience with Agile and Waterfall methodologies to deliver high-quality software.

### Foundation Year in Computing

*Southampton Solent university | September 2019 – 2020*

- Gained foundational knowledge in computer science with proficiency in Python, HTML, and CSS.

# Experience

## Full Stack Developer

*Omidex, Finland (Remote) | March 2023 – October 2023*

- Collaborated with cross-functional teams to design and develop robust web applications using React.js, Node.js, HTML, and CSS.
- Enhanced back-end and front-end integration, gaining deep insight into secure data handling and system interactions.
- Fostered a collaborative team environment by actively contributing to meetings, sprint planning, and feedback sessions.
- Improved technical and problem-solving skills through mentorship from senior developers.

## Key Skills

- **Programming Languages:** Python, Java, JavaScript, React.js, Next.js, Node.js, Jupiter, Excel
- **AI & Machine Learning:** TensorFlow, Scikit-learn, Machine learning, Deep Learning, Supervised/Unsupervised Learning
- **Technologies:** Azure, Docker, SQLite, PostgreSQL, MongoDB, Firebase, GitHub, Figma
- **Development Practices:** Agile, Waterfall, DevOps
- **Soft Skills:** Problem-Solving, Adaptability, Critical Thinking, Collaboration

## Certifications & Training

### Full Stack Developer

*CodeYourFuture , London | June 2022 – September 2023*

- Mastered modern web development technologies including JavaScript, React.js, HTML, CSS, and PostgreSQL.
- Built collaborative applications, enhancing both front-end and back-end development expertise.

## Hobbies & Interests

- **Running and Football:** Staying active through regular running and participating in football matches to build teamwork and maintain fitness.
- **Cooking and Reading:** Exploring diverse cuisines and staying informed by reading books and articles on various topics.
- **Watching Movies:** Enjoying cinematic experiences to unwind and stay inspired by storytelling and creativity.