

Jovan Hadzic

50 Quentin Road, London SE13 5DF

Mobile: 074 4387 1725 **Email:** jhadzic253@gmail.com

Personal Statement

A friendly and hardworking Computer Science graduate from Warwick University, looking for an opportunity to join a development team within financial sector or large tech company.

I'm passionate about software development and have experience in developing full stack applications with good working knowledge of React, React Native, Node.js as well as Java, Python and databases like Mongo, MySQL, and AWS S3 / Google Cloud Storage.

I have experience deploying applications on AWS using Heroku and Vercel.

As part of my dissertation, I developed a mobile application platform for luxury ride booking startup, which was written in React Native and Node.js and deployed on Heroku.

I hope that I will be able to utilise my skillset and passion for problem solving within your company and help develop modern and scalable platforms and solutions.

Education

Warwick University, Department of Computer Science (2021-2024)

Y1 / Y2 / Y3 marks: 65.9 / 71.4 / Y3 marks available in July '24.

Dulwich College, London, Year 5 – Year 13 (2013-2021)

A-level: A* Mathematics, A* Computer Science, A* Further Maths, A* Physics

Relevant Experience

- **Warwick University**

Dissertation: Ride Booking Mobile Platform

- University allowed me to collaborate with luxury ride booking startup and as part of my dissertation develop for them an Android mobile ride booking platform featuring Dynamic Pricing Model using Deep Q-Network (DQN), driver scoring and ride recommendation system based on location, rating and preferences
- I developed DQN pricing model using Python TensorFlow library in Google Colab
- Platform utilised MySQL database for customer, driver and booking information, and AWS S3 store for multimedia images of cars and driver profiles
- Technologies used: **REACT NATIVE, NODE.JS, PYTHON, MYSQL, AWS S3, HEROKU**

Courses / Modules:

- Machine Learning: Classification of data points via use of PCA
- AI: Implemented Python based AI solution for scheduling problem solving
- Mobile Robotics: Robot Navigation and obstacle avoidance
- Digital Forensics: Denoising images, extracting watermarks and forgery detection
- Languages/Core Programming: Java, Python, C, Data Structures & Algorithms

Personal Projects

- Travel Tracking Website
 - <https://travel-trakr.vercel.app/>
 - Developed a travel tracking web application, utilising Mapbox API for world map interaction, deployed using Vercel.
 - Technologies used: **REACT, NODE.JS, MONGODB, GOOGLE CLOUD STORAGE**
- Portfolio website
 - <https://portfolio-react-kappa-self.vercel.app/portfolio>
 - Technologies used: **REACT, VERCEL, EMAILJS API, GITHUB**

Technologies and Development Tools

- Languages: Java, JavaScript, Python, C/C# [basic]
- Technologies: React, React Native, Node.js, HTML, CSS
- Databases: MongoDB, MySQL, AWS S3, Google Cloud Storage
- Deployment: Heroku, Vercel, Docker
- Source Control: GitHub

Achievements

- Gold Duke of Edinburgh award, team captain
- Vice-Captain in National Cipher Challenge, Dulwich College

Interests

I like to work on coding projects in my spare time, playing guitar and running. I played lead guitar in a university band and have run several half marathons, with the next challenge being running the London Marathon.

Personal Information

- Citizenship: British
- Languages: English, French, Spanish, Serbian