



PETAR ATANASOV

GRADUATE SOFTWARE ENGINEER

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EDUCATION

Middlesex University, London - BSc (Hons) Computer Science - First Class with Honours (June 2025)

ABOUT ME

Enthusiastic and dedicated Computer Science graduate with expertise in Software Engineering, Back-End Development, Machine Learning, and Deep Learning projects.

Career Objective: Pursuing an entry-level software engineer position. My objective is to elevate user experience through the analysis, development, and refinement of data and applications, while also contributing to machine learning and deep learning projects to facilitate the discovery of innovative real-world features.

Hobbies:

- Continuous learning and professional development.
- Open-source contributions and exploring new tech innovations.
- Mentorship and active involvement in tech communities.

EXPERIENCE

Software Developer (Remote)

App One • Oct 2023 – Dec 2024

- Developed and maintained comprehensive Front-End and Back-End web APIs solutions, precisely aligned with diverse client specifications.
- Engineered AI-guided software, significantly enhancing client services and optimising user engagement.
- Implemented robust and scalable digital signage solutions, ensuring seamless functionality across diverse applications.

Student Learning Assistant (On-Site)

Middlesex University, London • Oct 2024 – May 2025

- Facilitated dynamic learning sessions for over 30 students, significantly enhancing class engagement and comprehension.
- Collaborated with academic faculty to refine teaching methodologies and curriculum resources.
- Provided individualised mentorship, directly contributing to improved student academic performance and satisfaction.
- Cultivated a supportive, inclusive and collaborative educational atmosphere.

KEY SKILLS

Programming Languages:

- C, C++, Java, C#, Python, Javascript, Shell.

Web Development and Frameworks:

- Front-End:** HTML, CSS, Bootstrap, React.
- Back-End:** Node.js, Express.js, REST API, JWT, MySQL, MongoDB.

Artificial Intelligence & Tools:

- ML Models:** KNN, SVM, PCA, NLP, K-Means.
- DL Models:** CNN, RNN, UNet++.

Cloud:

- AWS (S3, Lambda).

Testing & Quality Assurance:

- JUnit, Mosquitto.

Operating Systems

- Linux (Ubuntu, Kali), Windows.

PERSONAL PROJECTS

Biometrics Measuring Blood Pressure from CCA using NoIR Model 3 Camera

FraudCluster KMeans

RealFeel NLP RNN

ML System for Categorising UCI Digits

Transport Timetable with Ticket System

Natural List Build for Testing and Verification

Personal Website

Blockchain