JUNAID **AKHTAR**

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Profile

I am a motivated computer science graduate with a first-class degree, driven by a deep passion for web development and a solid command of software engineering and programming principles. Throughout my academic journey, I immersed myself in various facets of computer science, including internet computing, data structures, and database management systems. These experiences honed my analytical and problem-solving abilities.

My proficiency extends across multiple platforms and programming languages. I am skilled in HTML, CSS, Bootstrap, JavaScript, TypeScript, and React.js for front-end development, as well as C# .NET, Java, Python and SQL for back-end development. This diverse skill set enables me to adapt swiftly to various development environments and collaborate effectively with cross-functional teams. My goal is to leverage this knowledge and enthusiasm to create outstanding web experiences and contribute to innovative digital solutions.

Education

Aston University
Birmingham, UK

BSc Computer Science
September 2019 – June 2023

Classification: First Class Honours

Key Modules:
- Individual Project: 78%
- Java Foundations: 80%
- Internet Computing: 82.55%
- Internet Applications and Techniques: 80.78%
- Mathematics for Computing Professionals: 80.46%

- Student Representative
  - Communicated with students, collected feedback, and discussed any concerns or suggestions.
  - Raising their concerns in meetings and ensuring action is being taken.

City of Wolverhampton College
Wolverhampton, UK

BTEC Level 3 Extended Diploma in IT
September 2017 – June 2019

Grade: D*D*D

Work Experience

Research Associate
Birmingham, UK

Aston University
May 2023 – September 2023

- Led the creation of a multimodal dataset of human attention lapse for enhancing safety in Human-Robot Collaboration.
- Developed a one-click software application to synchronise multiple sensor modalities of an eye tracker (Pupil Core), visible cameras, depth cameras, and microphones (Azure Kinect DK) using Python.
- Organised data collection campaign with 30 human participants in Aston's Robotic Lab and GBSIoT Cyber Factory with major contributions to experiment design, risk management, and ethics approval.

Technical Support Specialist

Sitel

<div align="right">Exeter, UK
July 2021 – August 2022</div>

• Demonstrated amazing problem-solving skills by providing beneficial professional technical support to colleagues and clients on any hardware and/or software-related issues.
• Troubleshot devices, updated systems, and provided excellent customer service, ensuring great client satisfaction.
• Completed detailed reports, developed extensive technical guides, and performed other duties as assigned by managers.

Web Developer Internship

London Institute

<div align="right">Braga, Portugal
February 2019 – March 2019</div>

• Orchestrated the planning, implementation, and optimisation of a website and database in close collaboration with the software development team.
• Contributed significantly to the creation of an intuitive user interface, skillfully balancing aesthetics with functionality.
• Cultivated a comprehensive skill set encompassing HTML, CSS, Bootstrap, and JavaScript, while also architecting a MySQL database for seamless test data population.

Projects

Rooster Run

• Collaborated in a university team project to develop an online multiplayer game using Java, LibGDX, and Kryonet, demonstrating proficiency in both front-end and back-end development.
• Played a key role in the game's conceptualisation, design, and implementation, contributing to the website's creation as well.
• Designed an engaging and user-friendly interface, leveraging Bootstrap and JavaScript to enhance the user's experience.

Face Mask Detection System

• University final year project creating a Face Mask Detection System using Python, OpenCV and TensorFlow.
• Employed deep learning techniques to accurately identify individuals with or without face masks.
• Integrated and deployed the detection system onto a Raspberry Pi and Cloud for real-time evaluation
• Achieved high accuracy in various lighting and environmental conditions through extensive testing.

Skills

Languages: HTML, CSS, JavaScript, TypeScript, C#, Java, Python, SQL, PHP

Technologies: React.js, Node.js, MongoDB, Bootstrap, C# .NET, ASP.NET, JavaFX, LWJGL, LibGDX, Kryonet, OpenCV, NumPy, Matplotlib, Pandas, Git, GitHub, Laravel, phpMyAdmin, MySQL, GCP, Docker, Microsoft Office.

Certifications: European Computer Driving License (2015), Python for Data Visualization (2022), Advanced Pandas (2022), NVIDIA Getting started with AI on Jetson Nano (2023).

Interests

<div align="center">• Sports • Gaming • Fitness • Reading • Board Games • Martial Arts • Travelling</div>