MATEUSZ BECLAWSKI

SOFTWARE ENGINEER

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PROFILE

Computer Science graduate with one year of experience as a software engineer. Throughout the university course, had the opportunity to work on a diverse range of projects, from web development and mobile app design to machine learning and artificial intelligence. Developed a solid foundation in programming languages such as Python, C/C++ and Java, as well as gained knowledge about web development, machine learning, software engineering, embedded systems and database management. Completed several individual and group projects where demonstrated the ability to work collaboratively and effectively communicate ideas. Due to University projects and the internship, developed an understanding of good coding practices and methodologies such as Agile and Scrum. Gained expertise in Java and UNIX systems during a software engineering internship at IBM. Committed to learning about new technologies and constantly developing new skills. Excited to use technical skills and knowledge to create innovative solutions in the world of technology.

EDUCATION

Computer Science BSc

Northumbria University | 09/2019 – 06/2023 | Newcastle Upon Tyne, UK

Awarded with BSc First Class Honours.

- Relevant coursework: Machine Learning and Computer Vision, AI and Robotics, Web Programming, Program Design and Development, Software Engineering Practice, Computer Networks, Security and OS, Relational Databases.
- Dissertation: Tumour status prediction in colon cancer with transfer learning using pathological tissue images.

WORK EXPERIENCE

Software Engineering Intern

IBM Labs | 06/2021 – 06/2022 | Hursley, UK

- Provided technical support to clients via phone, email, and chat, resolving a large number of issues related to Java-based applications, systems, and tools.
- Collaborated with cross-functional teams, including developers and QA engineers, to identify and troubleshoot complex issues, ensuring timely resolution of customer complaints.
- Utilized tools such as JVM Diagnostic Tools to debug Java applications, effectively resolving technical problems.
- Developed shell scripts as well as Java and Python applications to automate the debugging process, contributing to the improvement of the overall debugging efficiency.
- Worked with other specialists on root cause analysis and provided recommendations for process improvements, enhancing the effectiveness of the support workflow.
- Contributed to the development and maintenance of technical documentation by writing troubleshooting guides and knowledge base articles which resulted in optimizing the efficiency of support teams.
- Ensured client satisfaction by delivering excellent customer service and promptly resolving support cases in a professional manner.
- Participated in an IBM voluntary project that involved the development of a web application using technologies such as Python with Django framework, Docker and HTML/CSS.

WORK EXPERIENCE

Waiter

Côte Brasserie | 08/2019 – Current | Newcastle Upon Tyne, UK

- Demonstrated problem-solving ability and the capacity to think critically by resolving many challenging customer requests and complaints.
- Developed excellent time management skills by managing work and studies simultaneously
- Demonstrated strong verbal communication skills by answering clients' questions, actively listening, and providing recommendations and suggestions.
- Proven ability to prioritize tasks, manage deadlines, and handle multiple responsibilities efficiently in a fast-paced environment.
- Successfully adapted to unpredictable situations, quickly adjusting and finding appropriate solutions while maintaining composure.
- Effective team player with demonstrated skills in collaboration, communication, and supporting colleagues to achieve common goals.

PROJECTS

Tumour status prediction in colon cancer with transfer learning using pathological tissue images

- Technologies used: Python/TensorFlow/Keras/Pandas/Matplotlib/SciKit-learn/NumPy
- The project consists of 9 different machine learning models. Every model is a hybrid of a transfer learning model used for the feature extraction of histological images and a machine learning model used for the classification of tumour status based on the extracted features.
- https://github.com/Leviathan-777/MSI-MSS-tumor-prediction

Smart Temperature Control System

- Technologies used: Python/Numpy/Pandas/Tkinter/Matplotlib
- The prototype of a temperature control system that takes a number of parameters such as the temperature of the rooms, and the temperature outside to decide if switch on/off heating in the various rooms of the house or remain in the same state. It updates and shows the current temperatures of the rooms. It can gather and plot data about the changes in the temperatures in different rooms and the actions of the heating system.
- https://github.com/Leviathan-777/Temperature-Control-System

Boiler Service Website

- Technologies used: HTML/CSS/Node.JS/JavaScript/Angular/MySQL
- The group project which was developed with four other students and involved creating a website for a local boiler service company. The website provides a modern GUI with functionalities such as a digital diary, an online booking system, and an email notification system.
- https://github.com/SteviePreston/PBS

LANGUAGES

English	Fluent
Polish	Native
German	Intermediate

SKILLS

Python	Advanced	**TensorFlow**	Intermediate	**Node.JS**	Competent
Java	Advanced	**NumPy**	Intermediate	**HTML/CSS**	Competent
C/C++	Intermediate	**Pandas**	Intermediate	**Docker**	Competent
UNIX	Intermediate	**Git**	Intermediate	**Django**	Competent
SQL	Intermediate	**JavaScript**	Intermediate	**Angular**	Competent