MORGAN JAMES

📞 07710466903

✉ Morganjames092@gmail.com

🔗 morgan-james-09092b295

PROGRAMMING SKILLS

- Java
- Python
- HTML/CSS
- PHP
- JavaScript
- Azure VM
- Linux

PERSONAL STRENGTHS

- Adaptive problem solving
- Team work and collaboration
- Oral and written communication
- Analytical thinking
- Time efficiency
- Resilience

EDUCATION

Computer Science(BSc)
Exeter University
2022 - Ongoing

Barton Peveril college (A levels)
Computer science (B)
Media studies (B)
Maths (B)
2020-2022

The Toynbee School
Grade average of 7.2
2016-2020

REFERENCES

Dereece Tomlin
Manager at code ninjas
Email : dereece.tomlin@codeninjaschandlersford.co.uk

Diogo Pacheco
University tutor
Email : d.pacheco@exeter.ac.uk

Ali Aseel
Java Programming TA
Email : a.ali6@exeter.ac.uk

PROFILE

I am passionate about software development and eager to embark on an internship that will allow me to further cultivate my skills and knowledge in this dynamic field. With a strong foundation in programming languages such as Java and Python, combined with hands-on experience in various software development projects, I am ready to contribute my enthusiasm and problem-solving abilities to a professional team. I am excited to engage with the industry's latest technologies, learn from experienced developers, and actively contribute to the creation of innovative software solutions during my summer internship.

WORK EXPERIENCE

Code ninjas   *Coding assistant*

- Fostered engaging learning environment for children
- Developed coding and problem-solving skills in young learners
- Enhanced communication of complex concepts
- Deepened passion for tech education

VOLUNTEERING

University of Exeter python workshop   *Team leader*

- Cultivated an inclusive and interactive learning environment for beginner students as a Team Leader for the "Excode" Python Workshop group
- Contributed significantly to the educational growth and development of workshop participants.

PROJECTS

GOOGLE DEVFEST PROJECT: LEFTOVER CHEF

Secured third place at Google Dev Fest, LeftOver Chef was conceived and developed within a week to address sustainability challenges. Focused on reducing food waste, our solution provided a platform where students could input leftovers, receiving generated recipes to minimise ingredient wastage.

Initially utilising a RESTful API to fetch a variety of recipes, we stored this data in a JSON file for efficient filtering. Recognising the need for an additional dynamic database containing current user ingredients, measurements, and accurate pricing, we implemented a solution using SQLite3 in Python. This helped us store an accurate up to date pricing for food that could be later used for"money saved" and "cheapest option" features.

For user-friendly access, the front end was hosted on AWS, featuring a JavaScript-based website with Bootstrap integration. This interface enhanced usability and accessibility. Within one week, we successfully delivered a website , contributing to sustainable practices and culinary creativity.

JAVA SOCIAL MEDIA PROJECT:

Through this project, I gained valuable experience in object-oriented design and Java programming, creating a functional and interactive social media platform that demonstrated the power of OOP principles in software development.

FULL STACK WEB DEVELOPMENT PROJECT

As part of my undergraduate coursework, I undertook a comprehensive full-stack web development project. The project involved creating an interactive game hosted on a website using a combination of PHP, CSS, HTML, and JavaScript. The game was deployed on an Azure Virtual Machine, making it accessible to users on the internet. The project allowed me to gain hands-on experience in designing , developing a dynamic web application and allowed me to demonstrate my ability to work in both front-end and back end components , while also showcasing my proficiency in hosting web applications in a cloud environment.

PYTHON LONDON EMISSIONS ANALYSIS PROJECT:

I embarked on a Python project focused on data analysis and image processing using Pandas and image recognition techniques. This project involved importing data from documents containing emission data for various categories on London streets. By leveraging Python and the Pandas library, I performed in-depth analyses of this data, allowing me to gain a solid understanding of data manipulation and analysis.