AMEL PLAGNE-ISMAIL

Second-year BSc Computer Science student at the University of Southampton. Passionate about using personal projects to solve real problems and develop new skills. Eager to build hands-on experience in a professional setting.

Linkedin
GitHub
Portfolio
amel.pi2006@gmail.com
07984 690663

EDUCATION

University of Southampton   2024-2027

Currently studying BSc Computer Science (On track for 2:1).

Relevant Coursework:
- Data Management: Designed and normalised relational databases, wrote SQL queries, developed UNIX shell scripts, and structured documents with markup languages.
- Programming: Built a Noughts & Crosses game in Java and a Python-based maze runner.
- Researched and presented the ethical and technical considerations of Voice-Activated Personal Assistants.

Gower College Swansea   2022-2024

Achieved A-Level results of A*AA in Mathematics, Computer Science and Economics, respectively.

Bishopston Comprehensive School, Swansea   2017-2022

Achieved GCSE results of A*A*AA*AA*B (9,9,8,9,8,9,6). Including an *A* in Computer Science* and a *Distinction in Additional Mathematics*.

PROJECTS

CafeRadio | *JavaScript, CSS, HTML, React*   view webpage | view GitHub
- Productivity web app combining a timer, to-do list, music player, clock, and ambient sounds to help users focus while studying/working.
- Gained experience in React state management and front-end design.

Type Flow | *JavaScript, CSS, HTML*   view webpage | view GitHub
- A type-speed training website developed in JavaScript, utilising the Gutendex API. Intended for users to test and improve their typing speed.
- Gained experience in API handling and interactive web-design.

Image Converter | *Java, JavaFX,* CSS   view GitHub
- A simple image converter capable of converting jpg, png, gif, bmp, webp and pdf files.
- Learned Java image handling such as manipulating RBGA values for transparent backgrounds as well as working with JavaFX UI.

Outbreak Assault | *Godot Engine*   view webpage
- A zombie shooter side project. Written in GDScript (Godot's Python-inspired scripting language)
- Focused on an object-oriented programming approach with a hierarchical class system. For example, different weapon types are sub-classes of the "Weapon" class.

PROGRAMMING SKILLS

Core Languages & Tools: Java, Python, JavaScript, HTML/CSS, React, Git/GitHub

Additional Exposure: C, SQL, JavaFX

HOBBIES & INTERESTS

- Enjoy climbing and regularly go to the bouldering gym.
- Make and sell music online in my spare time.
- Member of the Southampton Mountaineering Society (SUMC) and Electronic and Computer Science Society (ECSS).