James Callan

07592 442621 | JamCal117@gmail.com | linkedin.com/in/james-callan-979b0b1a2
github.com/JamieCallan117 | jamiecallan117.github.io

Education

Swansea University – First Class Honours   *24/9/18 - 22/6/22*
Bachelor of Science in Software Engineering

Personal Projects

Artemis – Minecraft Mod | Java, Architecture API, Git   *26/3/23 – Present*

- Development team member.
- Independently designed and implemented over 20 features, enhancing the playing experience for users of the mod.
- Resolved various issues, ensuring for a smooth user experience.
- Conducted comprehensive code reviews providing valuable feedback to fellow developers and contributors whilst maintaining code quality standards for the project.

Maze Bounce – Android Game | C#, Unity   *14/8/22 – Present*

- Designed, developed, tested and published on the Google Play Store independently.
- Utilises features from Google Play Games, Unity Games Services and more.
- Features thousands of randomly generated content.

CC-117 – Discord Bot | Node.js, Wynncraft API, SQLite   *10/1/22 – Present*

- Designed a program to read data from a public API and store the data into an SQLite database.
- Developed a Discord bot to read from the database and manipulate the data to display formatted information among various other features.
- Highly customisable, with unique configurations for every server.

Accessible Codenames - Android Game | Kotlin, Node.js   *5/6/21 - 29/4/22*

- Third year project for University.
- Recreation of the board game 'Codenames' for Android with a strong focus on accessibility.
- Includes a custom server to allow for devices to connect and play together.

Technologies & Skills

Languages: Java, C#, JavaScript, Kotlin, Python, C++, C, HTML
Frameworks: Node.js, Discord API, JUnit, Architecture API
Developer Tools: Git, IntelliJ, Unity, VS Code, Oracle Cloud, Google Cloud Platform
Libraries: discord.js, gson
Skills: Fluent English, excellent communication, problem solving and mathematics. Fast learner and willing to adapt. Full driver's license holder.