Alin Gabriel Mican

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Education

HyperionDev
Software Engineering (Python)

Remote
Nov 2023 - Mar. 2024

Royal Holloway University Of London
Bachelor of Science in Computer Science, Overall grade: 1st — First-Class Honors

London, England
Sep. 2020 – July 2023

Preston Manor Sixth Form
A-Level: Mathematics (A), Chemistry (A) and Computer Science (B)

London, England
Sep. 2018 – July 2020

Experience - GitHub(https://github.com/AlinMican1)

DataAnnotation Tech
Software Engineer (AI Training) Python, Java, JavaScript, SQL, JSON

Mar 2024 - Oct 2024
Remote

- Trained AI models with advanced algorithms, improving performance accuracy by 17% through collaboration and code reviews.
- Developed and tested AI models for real-world software, optimizing performance for seamless integration.
- Ensured clean, modular, and well-documented code, adhering to industry best practices and maintaining quality through regular reviews.

Contract Web Developer | https://www.thekingzace.com/
Web Developer ReactJS, NextJS, HTML, CSS, JavaScript, Vercel, Typescript

Jun 2023 - Sep 2023
London, England

- Maintained strong client engagement by organizing meetings to understand requirements, driving collaboration, and delivering results through Agile development and prototyping.
- Boosted LightHouse scores to 95% on desktop and improved mobile performance by 63%, optimizing technologies for a seamless user experience.
- Implemented industry-standard security measures, including environment files for API key protection, while optimizing maintainability and accelerating feature development through an atomic structure hierarchy, reducing code redundancy.

Icarus Clothing | https://icarusclo.com/
Chief Technology Officer Shopify, Figma, Meta, Email marketing, HTML, CSS, JavaScript, JSON

Sep 2023 - Present
London, England

- Led full-stack development of a high-performance, multi-currency e-commerce site with custom Shopify frontend components and UX modeled after top brands (e.g. Nike, Represent).
- Built email automation and improved search UX, increasing conversion rates and user engagement.

Projects - GitHub(https://github.com/AlinMican1)

HeartBridge App | Next.JS, React.JS, REST API, Web-Socket API, AWS, Socket.IO, JavaScript, HTML, CSS, CapacitorJS, Android Emulator, Github, Postman, MongoDB, JEST

Oct 2024 – Ongoing

- Built an interactive app for long-distance relationships, enabling gamified interactions and real-time features like messaging, notifications, and friend requests using Web-Socket API and Socket.IO.
- Validated backend APIs with Postman, emulated Android functionality with CapacitorJS, and ensure data integrity with JEST, improving reliability by 60%; optimized performance by using AWS S3 for image storage, reducing MongoDB size by 40% and boosting data retrieval speed by 50%.

RogueShooter | C#, Unity, Blender, GitLab, ShaderLab

Sep 2022 – June 2023

- Developed a year-long rogue-like shooter game with 2,500+ lines of structured code, implementing optimised algorithms like A* pathfinding, object pooling, and 2D occlusion culling. Achieved a 40% FPS boost, significantly enhancing late-game performance and user satisfaction.

RPN AlgoCalc | Java, JavaFX, JUNIT, SVN, UML, Javadoc

Sep 2021 –May 2022

- Applied object-oriented principles to develop an interactive GUI supporting RPN and Infix Notation, using stack and shunting-yard algorithms; implemented TDD with 50+ JUnit test cases, ensuring robust validation across boundary and invalid data.
- Developed a user-friendly JavaFX interface, achieving 44% satisfaction based on Google Forms feedback.

Technical Skills

Languages: Java, Python, C#, JavaScript, TypeScript, CSS, HTML
Developer tools: AWS, Postman, Github, GitLab, SVN
Libraries/Frameworks: React, Tailwind, Scikit-learn, Next.Js, Unity, Socket.IO
DBMS & ORM: SQLite, PostgreSQL, Prisma, GraphQL, MongoDB

Certification

HyperionDev
https://www.hyperiondev.com/portfolio/AG23110009693/
Microsoft
https://www.freecodecamp.org/certification/AlinM/foundational-c-sharp-with-microsoft