JONAS LINDSTROM

SOFTWARE ENGINEER LEICESTER, UNITED KINGDOM +44 (0) 7828 184 931

DETAILS

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SKILLS

- C++
- Python3
- HTML & CSS
- Git
- Google Cloud
- Quart
- TensorFlow
- React

HOBBIES

Gaming, Football, Music Production, Cooking, Gym

REFERENCES

References available upon request.

PROFILE

Highly motivated and enthusiastic Software Engineer excited to create innovative solutions. Proficient in various programming languages, platforms and frameworks, eager to apply my technical skills to contribute to impactful projects. Committed to continuous learning and growth, I am keen to expand my knowledge in areas such as machine learning and artificial intelligence to stay at the forefront of technological advancements. Dedicated to working collaboratively within a team environment while also capable for independently driving projects to a successful completion. Looking for opportunities to contribute my skills and dedication to within the software development industry.

EMPLOYMENT HISTORY

Software Engineer at ITP Engines UK, Leicester

September 2021 — September 2022

Developed object-oriented code in accordance with the Google C++ style guide, utilising C++17.

Conducted thorough code reviews, providing valuable feedback and suggestions to fellow developers.

Utilised Python3 to develop scripts, strictly adhering to the PEP8 format guide.

Created a script that facilitated seamless documentation synchronisation between C++ and Python.

Demonstrated effective leadership by taking charge of the 2022 release cycle for a service pack, conducting rigorous unit and GUI tests to ensure the quality and reliability of the release.

Analysed and resolved identified issues, ensuring a robust and error-free final product and successfully managed time constraints to deliver the service pack on schedule, meeting all project deadlines.

Provided mentorship and guidance to new team members, facilitating their on-boarding process by developing a comprehensive new starter pack document that outlined common initial challenges and provided setup directions, resulting in reduced ramp-up time for new team members to adapt to the codebase and collaborate effectively.

Proposed and advocated for the adoption of test-driven development (TDD) as a beneficial change to the development process and successfully implemented TDD as the preferred methodology for new starters, which helped them directly apply it from the beginning of their projects.

INTERNSHIPS

Software Engineer at CloudCall, Leicester

July 2016 — September 2016

Designed and implemented an application for a customised rendition of Space Invaders, specifically developed as an engaging Easter egg feature for CloudCall's products.

Employed a tech stack consisting of MongoDB, JavaScript, Phaser, and Electron to build the application.

Seamlessly integrated MongoDB for efficient data storage and retrieval, while using JavaScript, Phaser, and Electron to achieve a captivating user experience.

Conducted thorough evaluations of the application's security and scalability.

Effectively communicated with the development and product management teams, addressing their concerns and ensuring alignment between their requirements and the architectural decisions made.

Established and implemented a Scrum board to effectively manage project requirements and streamline development processes.

Utilised the Scrum framework to organise development tasks into well-defined sprints, enhancing productivity and task management.

Developed and implemented a comprehensive testing scheme for the project, ensuring the thorough evaluation of software functionality.

Assumed the responsibility of QA, actively engaging in testing activities to identify and address any defects or issues.

EDUCATION

BSc Computer Science (Hons), Loughborough University, Loughborough

September 2019 — June 2023

Thesis: Developed a distributed system using client-server architecture to train neural networks across multiple machines, enabling efficient stock market predictions. Integrated an external API to apply predicted values for generating trading strategies (Conservative, Moderate, Aggressive), aiding users' investment decisions. Enhanced system performance by outperforming a linear regression model in time series predictions. Incorporated a GPT-based neural network for intelligent analysis, providing trading advice for all trader levels. The solution leverages a growing database of trained models, yielding increasingly precise strategies for stock market investments.

Dubai English Speaking College, Dubai

September 2012 — June 2018

A Levels: Computer Science (A), Mathematics (B), Physics (B)

9 GCSEs: A*-B (A*s English, Physics and Computer Science)