Hi, I'm George.

Software Engineer.
Future Architect.
Optimist.

Name
George Yarnley

Email
george@yarnley.com

Website
george.yarnley.com

Phone
+44 7763 599133

Location
London

MISSION STATEMENT

I'm a deeply motivated London-based software engineer with 5 years of experience looking for high-impact, high-agency, high-velocity work where I can actually move the needle. My colleagues often note my ability to clearly communicate complex ideas, take a holistic view of problems and dig under the surface.

With a strong foundation, built under the mentorship of talented engineers at a Fortune 500 company, I'm ready for projects which allow me to keep learning at the fastest possible speed and apply the skills I have gained to moonshot projects which go against the grain.

EDUCATION

BSc Software Engineering (Digital and Technology Solutions)

Queen Mary University of London
First Class

Bachelor of Science with Honours degree apprenticeship course composed of Computer Science Modules with additional workplace-directed project modules.

4 A-Levels

Exeter Mathematics School
A*, A*, A, A
Computer Science, Further Mathematics, Mathematics, Physics

OTHER PROJECTS

Pnyx: A foundation for decentralised democracy

Ongoing research effort into a fully decentralised, trustless and self-ratifying system for reaching consensus in a community.

Key Skills: Rust, LibP2P, Protobuf

Personal Site

My personal space to explore UI/UX design. Also frontends my homelab infrastructure which includes password management, development tools and storage.

Key Skills: Vue, Nuxt, Tailwind, TypeScript

PROFESSIONAL EXPERIENCE

Goldman Sachs International

Analyst - Counterparty Credit Risk Engineering
June 2024 - Present

Key Skills: Python, TypeScript, React, MongoDB, Podman

» Spearheading a complete rearchitecture of the CCR data processing plant.
» Established comprehensive tooling for build, deployment, execution, and monitoring of tasks, adding previously missing observability capabilities and improving developer experience.
» Rewrote core daily batch processing steps, resulting in a 3x improvement in execution times and projected 80% reduction in overall plant processing time.
» Onboarded new data processing improving analysis coverage.
» Implemented cellular-granularity authorisation controls.
» Delivered automated reporting functionality to senior leadership in line with regulatory requirements.
» Designed and implemented new tool-based menu system in the UI to allow deeper user interaction and easier future expansion.

Apprentice - Software Development and Lifecycle
May 2022 - June 2024

Key Skills: Kubernetes, GitLab, Linux, Java, Kaniko

» Built monitoring tools enforcing quality and compliance controls across the internal GitLab instance.
» Improved reliability and monitoring for the firm's custom internal deployment platform.
» Upgraded developer tools for container builds.

Apprentice - Prime Services Risk Analytics Engineering
September 2020 - May 2022

Key Skills: Python, React, Java, SQL

» Added full user preference functionality to two flagship applications.
» Led evaluation efforts for new scheduling technologies.
» Implemented the full processing pipeline for a new core risk management dataset.