

# Hi, I'm George.



## Software Engineer. Future Architect. Optimist.



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**Location**  
London

## MISSION STATEMENT

I'm a deeply motivated London-based software engineer 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  
First Class

*Queen Mary University of London*

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

### 4 A-Levels

*Exeter Mathematics School*

**A\*, A\*, A, A**

Computer Science, Mathematics,  
Further 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, Blockchain*

### 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, Tailwind*

## PROFESSIONAL EXPERIENCE

### Goldman Sachs International *2020-Present*

#### Analyst - Counterparty Credit Risk

Currently spearheading a rearchitecture effort for the CCR data processing plant. Established comprehensive tooling and processes for build, deployment, execution, and monitoring of tasks, improving processing times, observability and developer experience.

Rewrote core daily batch processing steps, resulting in a threefold improvement in execution times and projected 80% reduction in overall plant processing time as the approach is rolled out more broadly. Additionally:

- » Onboarded new data processing improving analysis coverage
- » Extended authorisation controls to cellular granularity
- » Delivered automated reporting functionality to senior leadership in line with regulatory requirements
- » Designed and implemented new tool-based menu system to allow deeper user interaction and easier future expansion

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

#### Apprentice - Software Development and Lifecycle

My role in SDLC Engineering focused on enhancing developer tooling and controls software.

- » 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.

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

#### Apprentice - Prime Services Risk Analytics

- » Built user interface features, including user preferences and new widget implementations.
- » Led evaluation efforts into new scheduling technologies.
- » Implemented the processing pipeline for a new core risk management dataset.

Key Skills: *Python, React, SQL*