

Ted Jenks

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I am a passionate, language-agnostic programmer working as a Software Engineer at Palantir. I love to combine my creativity and problem-solving ability to find innovative solutions to difficult problems. I learn quickly by immersing myself in new technologies or practices and am always eager for a fresh challenge.

Employment

Palantir

London

Software Engineer

Oct 2022 - Date

- Member of the Spark team, maintaining our own fork of the Apache Spark code-base and connecting it with our software.
- Palantir is a very high-performance atmosphere requiring fast, high-quality delivery of reliable, well-tested, and well-designed code.
- Experienced in collaborating both within and outside of my team through effective communication, general product understanding, and transfer of skills to new areas.
- Required to provide quick diagnosis and remediation of issues discovered in production code.
- Able to give an opinionated and informed presentation of ideas on the direction and execution of the team's priorities.

QA (UK) Ltd

London

CFD Engineer

Jun 2021 - Aug 2021

- QA (UK) Ltd is working with EnviroMission to design and build the World's first Solar Cyclone Tower (SCT), a novel water and electricity generation solution, positioned for hot, arid climates.
- I led a team of five Imperial graduates and students in running computational and experimental analysis of the SCT and various components that it incorporated to develop an extensive intellectual property portfolio.
- I communicated the project to partners and potential investors.
- Responsible for delivering detailed, thorough, and novel research in the area.
- Developed a deep understanding of the area through extensive literary review.

Skills

- Languages** Ability to adapt to any language, experienced in many (both FP and OOP): Java, Python, C/C++, Scala, Rust, JS/TS, SQL
- Libraries** React, React Native, Node.js, PySpark, PyTorch, TensorFlow, Guava, Conjure, Express, Pandas, NumPy
- Tooling** JetBrains IDEs, Circle CI, GitLab CI, GitHub Actions, Git, Co-pilot, Docker, Gradle, Figma, Cargo, CMake
- Soft Skills** Documentation, Presentations, Time Management, Problem-solving, Communication

Education

Imperial College London

London

MSc Computing Science

2021 - 2022

- **Distinction, 86**
- **Dissertation:** Decentralised Digital Identity Management: A Mobile-Friendly System on Blockchain
- **Modules Include:** Distributed Computing, Databases, Software Engineering Design, Machine Learning, Operating Systems, Algorithms

Imperial College London

London

BSc Physics

2018 - 2021

- **First class honours, 73**
- **Dissertation:** A Computational Fluid Dynamics Based Analysis of the Solar Cyclone Tower
- **Modules Include:** Computational Physics, Modelling, Solid State Physics, Statistics, Quantum Mechanics

Mount Kelly

Tavistock

Secondary School

2004 - 2018

- **A-levels:** 3 A*'s (Mathematics, Physics, and Chemistry) and 1 A (Further Mathematics)
- **GCSEs:** 10 A*'s (including Mathematics, Science, English, and History) and 3 As
- **ECDL:** Pass

Projects

- StockBot** StockBot takes natural language queries on the World markets and produces dashboards using GPT 3.5. View **here**.
- eve-cli** eve is an OpenAI-backed command line interface implemented in Rust. View **here**.
- Motshi** Blockchain-based digital identity solution for mobile devices. View **here**.
- Big Tech** NLP analysis of news articles to connect stories with the tech industry, visualised on a graph backed by Neo4j. View **here**.