

HARRISON ANKERS

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EDUCATION

Imperial College London

London, UK 2016 - 2020

MEng

2:1

Electronic and Information Engineering (Electrical Engineering + Computing)

Key modules: System Architecture, Software Engineering, Databases, AI, ML, Computation Finance

Key projects around C++, C, Python, SQL, ML, Bash, Signal Transforms, Financial Modelling

PROFESSIONAL EXPERIENCE

Tractable - L1 + L2 Full Stack Engineer

London, UK 2021 - Current

- Key role in the full development pipeline: feature scoping, prioritization, ticket grooming, estimating, implementation, test production, PR completion/review, deployment, feedback delivery, bug reporting, bug fixing
- Currently working in core product team to deliver full-stack product features (Typescript, Python, React, GraphQL, SQL, Prisma, Cypress, Kafka) for AI Review auto (highest revenue product for automating the review of auto insurance claims)
- Collaborated on the creation of Subro costs calculator (relationship improvement and workflow enhancement with largest clients) and rental day check (unlocks \$1.7m in 20-30% more claims)
- Independently delivered 15+ full Kubernetes CI/CD harness pipelines, head of devops referred to them officially "the most advanced CI/CD pipelines we have at Tractable"
- On-call for multiple codebases and have responded to client-impacting out-of-hours incidents, some of which were time-sensitive multi-million contract PoCs
- Supporting engineer for the department in responding to bug reports and cross-team collaboration requests, resulting in 93% more support tickets created and 130% more completed than the average Tractable engineer
- Initiated and led a ceremony to combat tech debt which resolved critical security issues, performed refactors, and recently achieved 14k in external API savings. Manager subsequently proposed adding major re-architecture projects, such as full QA automation and Iguana Inference graph migration, to the ceremony due to its success

Deutsche Bank - Software Engineer

London, UK 2020 - 2021

- Internship: Java/Angular QA dashboard to monitor and triage KYC product on demand
- Worked on Java rules engine data pipeline migration project to congregate distributed data feeds and performed PoC for parsing nested objects in large JSON files using Apache Spark
- Implemented a multilingual python module ML NLP translator for sentiment analysis of proprietary news data to data quality
- Identified £13k/month of unused compute savings

Pepperl + Fuchs Inc. - Software Engineer Intern

Houston, USA 2020

Deutsche Bank - Software Engineer Intern

London, UK 2019

ARM Holdings - ML Student Engineering Consultant

Cambridge, UK 2019

Apple Inc. - Retail Product Zone Specialist (Part-time at University)

London, UK 2018 - 2019

SKILLS - (BOLD USED IN CURRENT POSITION)

Coding:	Typescript (JS), Python, C/C++, Java, Bash/Shell, Julia, MATLAB
QA:	Unit, Integration, Smoke detectors, ML Obvious Case, Front-end testing, Coverage, Datadog, Pagerduty
Key Libraries:	Pandas, Numpy, Cypress, Mocha, Unittest, MaterialUI, Mantine
Networking:	GraphQL, Kafka, FastAPI, Flask
Data Storage:	Postgres, SQL, Prisma, Knex Migrations, HDFS, S3
Web development:	React, Angular, Storybooks, Figma, MaterialUI, Mantine
Agile:	Jira, Certified ScrumMaster, Miro, Jellyfish
CICD:	Harness, ArgoCD, GitHub Actions, Jenkins, Kubernetes, TF
Cloud:	AWS, AWS Secrets Manager, S3, Serverless SDK, Azure, GCP