

Lukas Kaas Andersen

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Technical Skills

Core Languages: Python, Java, JavaScript, SQL

Frameworks: Spring, React Native

Developer Tools: Git, Docker, Jenkins, VS Code, IntelliJ

Databases: MySQL, MongoDB

Testing: JUnit, PyTest, Regression Testing

Bilingual: Fluent in Danish

Work Experience

Software Developer

Barclays Investment Bank – Front Office

London, United Kingdom

July 2024 - Present

- Engineered pricing software for equity derivatives and structured products, contributing to the development of new front-office tools
- Collaborated directly with traders and stakeholders to align technical solutions with dynamic business objectives
- Played a key role in the development of a greenfield financial tool, designing and building essential system components

Education

King's College London

MSc Advanced Computing (Pass with Merit)

London, United Kingdom

September 2023 – September 2024

- Notable Modules: Software Engineering for Financial Systems, Security Management and Engineering, Big Data, Data Mining, AI, Measurement and Testing, Machine Learning
- Individual Project: Building a SAT Solver

University of Kent

BSc (Hons) Computer Science (First Class Honours)

Canterbury, United Kingdom

September 2020 – June 2023

- Notable Modules: Computational Intelligence, Cyber Security, Quantum Computing and Cryptography, Database Systems, Web Development, Blockchain systems, Data and Text Analysis
- Final Year Project: Collaborated in a team of four to develop an app using React Native, PHP and SQL. Achieved 81% overall

Tanglin Trust School

A Levels

Singapore

August 2018 – June 2020

- Subjects: Computer Science, Maths, History, Extended Project Qualification (EPQ)
- My Extended Project was a 5000-word essay on the topic of cyber security.

Experiences

Computational Intelligence in Business, Economics and Finance

November 2022 – December 2022

- Created a genetic algorithm that would help predict stock price movement based on historical data and financial indicators.
- Achieved 100% on this assignment

Computer Science Tutoring

March 2021 – May 2022

- Recommended by a lecturer to tutor an International Baccalaureate student in Computer Science
- Focused on web development in PHP, JavaScript, HTML, CSS, and a MySQL relational database
- Students performance increased by 2 grades

Singapore National Taekwondo Champion

2009-2020

- Practiced taekwondo at a highly competitive level for 11 years
- Achieved a 3rd Dan black belt, won 4 Singapore National Championships and several international tournaments

Volunteering and Hobbies

- Running and Weightlifting
- Built two computers
- Served as a tournament official for the Singapore Taekwondo Federation
- Coached students from my taekwondo club at tournaments

- Taught English to local staff at Tanglin Trust School in Singapore
- Raised money for the Himalayan
- Educated a local school in Ladakh, India on dental hygiene
- Trekked across the Himalayan Mountains