

BENJAMIN DIMANT

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PROFILE

Analytical, highly motivated, and diversely competent computer science graduate and current law and finance student seeking opportunities to work in the field of quantitative finance.

EDUCATION

2019 – 2021 CAMBRIDGE, UK	University of Cambridge <i>Bachelor of Arts in Law</i> <ul style="list-style-type: none">Member of the Finance Society, Debating Society, and Pro Bono Society.Undertaking an intensive Cambridge University Language Programme course in Mandarin with the aim of becoming professionally proficient after two years.	Grade: N/A
2019 – 2020 PALO ALTO, CA	Stanford University <i>Graduate Certificate in Financial Analytics</i> <ul style="list-style-type: none">Relevant courses to be taken in Financial Modelling, Investment Science, Data Science, Simulation, and Risk Analytics.	Grade: N/A
2016 – 2019 LONDON, UK	Imperial College London <i>Bachelor of Engineering in Computing</i> <ul style="list-style-type: none">Relevant academic courses taken in Computational Finance, Statistics, and Machine Learning; extracurricular courses taken in Economics as part of the Trading Education Certificate and in Mandarin to achieve basic proficiency.Elected as the year representative for the Computing course, which involved negotiating solutions to student grievances with senior academic staff members.	Grade: 1 st
2008 – 2015 LONDON, UK	University College School <i>A-Levels and GCSEs</i> <ul style="list-style-type: none">Graduated as class valedictorian and was awarded the Old Gower's Prize for Applied Sciences for the best performance in both A-levels and GCSEs.	Grade: 6A* and 11A*

EXPERIENCE

Jul '19 – Present LONDON, UK	Bengineer <i>Founder and Algorithmic Trading System Developer</i> <ul style="list-style-type: none">Researched and developed an algorithmic day trading system that executes trades via the Interactive Brokers C++ API using a combination of leading and lagging technical indicators.
Jun '19 – Jul '19 DALLAS, TX	Atari (Infinity Networks) <i>Software Engineering Contractor</i> <ul style="list-style-type: none">Designed and implemented a mobile application for the upcoming Atari Token blockchain platform using the React Native framework and tools from the Hyperledger ecosystem.
Aug '17 – Oct '18 LONDON, UK	Stint <i>Co-Founder and Chief Technology Officer</i> <ul style="list-style-type: none">Architected and developed eight software projects alongside my studies to create a short-term employment platform used by Chipotle and Ted Baker amongst others that had 4,000 users.Negotiated a multimillion pound valuation in the company's infancy by demonstrating the legal and technical infrastructure of the platform to investors at Global and Telereal Trillium.

PROJECTS

Oct '18 – Jan '19 LONDON, UK	Modelling Clusters in Social Networks <i>Supervisor: Dr. Eric Keaveny</i> <ul style="list-style-type: none">Constructed Laplacian matrices to characterise social networks and implemented MATLAB scripts to determine related Fiedler vectors using Lanczos iterations and Householder deflation.Implemented the GMRES algorithm with appropriate pre-conditioner matrices for the Newton-Raphson method to approximate solutions to non-linear partial differential equations.
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SKILLS

Programming C/C++, Java, Python, JavaScript, SQL, Bash, L^AT_EX

INTERESTS

Instruments Guitar (Grade 8), Drums (Grade 4)
Languages Mandarin (basic), French (basic)