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|  | **WILLIAM COOKE** | | |  | |
|  |  | About me  Enthusiastic and highly dependable Computer Science graduate, recognized for a strong work ethic and proven ability to excel in high-pressure environments, both independently and within a team setting. Recently graduated from Nottingham Trent University with a bachelor’s degree in computer science, demonstrating a commitment to academic excellence and professional development. | Contact Info  +447798913666  will.cooke23@gmail.com  [www.willcookecv.com](http://www.willcookecv.com)  Education Nottingham Trent university BSc in Computer Science (First Class Hons) The grange school, Hartford A-Levels: Computer Science, Mathematics, Graphic Design |  |  | |
|  |  | EXPERIENCE Software engineer, Apex Quantitative GroupAugust 2023 – to date During my final year at university, I began to work as a consultant software engineer for Apex Group, a quant finance company trading futures using AI programming. My work for Apex Group involved creating programs to support the functionality of the AI futures model. SOFTWARE Developer,Lexis Nexis RiskJuly 2021-2022 Year in industry working for a Fortune500 company in a software development team, writing code for car insurance companies. The software written by me was used for highly sensitive applications so attention to detail was crucial. This year taught me to balance efficiency, attention to detail and how to work well within a team. E-Commerce business, Self-Employed2019 to date Vintage Clothing  In winter 2020, I set up my own vintage clothing site called ‘VNT’. I designed the assets for the site, created the social media posts, sourced the product from local wholesalers and hired models to photograph the clothes in. The website has been live since 2021.  coding language EXPERIENCE python – 3+ years of experience Projects include an AI rock paper scissors bot that learns how the user plays and looks to predict the user’s next move. AI chatbot that can interpret user input in the form of text speech or imaging. Using Keras and TensorFlow as well as a DCGAN trained with hyperparameters that can identify user drawings with 94% accuracy. php – 2+ years of experience On my placement year working for Lexis Nexis Risk, I exclusively coded in PHP, both in software creation and in unit testing. This was a high-pressure environment where I was required to complete projects on a quick time schedule with an extremely high-level attention to detail. Full stack – 2+ years of experience I coded and deployed multiple websites over the last few years, both voluntarily as community projects and as projects for university, one of which included event booking functionality, administrative areas and a scheduling service. c++/c# – 1 year of experiencejava – 1 year of experience Awards OXford bebras computational thinking award I competed in the Oxford University BEBRAS Computational Thinking test in school where I achieved the highest score and was invited to Oxford to take place in the national final rounds of testing where I came 12th out of everyone in the country for my age group. queen’s scout award I achieved the Queen’s Scout award in 2017. This award is the highest achievable award in scouting.  **PASSIONS & INTERESTS** tRAVEL After finishing my A-levels, I took a gap year where I volunteered on a remote island in Fiji, studying and preserving the marine wildlife. I also worked in a ski chalet in Austria in a team of 6. PADEL TENNIS During my final year at Nottingham Trent University, I set up the NTU Padel Club, the UK’s 2nd ever University Padel team, alongside my studies. I organised a committee of 4, set up the first ever UK padel match between universities, obtained sponsorships and grew the club from 4 members to 63 by the end of the year. SKIING Passionate about skiing all my life, worked in the Snowsports industry as well as being a member of Trent Snowsports for 4 years. I also based my Final Year Project around a 3D navigation app to assist skiers around the mountain. | |  |  | |
|  |  | Referees  **Rob Leal –** PM Lexis Nexis  **Peter Harrison –** MD Apex Quantitative Group  (Contact details for all referees can be provided) |  |  |  | |