

Matthew James Palmer

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Education

BSc (Hons) Computer Science

King's College London (KCL)

Sept 2021 - May 2024

Notable Modules: Programming Practice and Applications (66%), Data Structures & Algorithms (88%), Introduction to Professional Practice (88%), Computer Systems (75%), Introduction to AI (89%), Software Engineering Group Project (87%), Practical Experiences of Programming (83%)

A Levels

Leyton Sixth Form College

Sept 2019 - May 2021

- A*AA in Mathematics, Computer Science, Economics
- B AS Level Grade in Further Mathematics

Projects

Greggor Financial Companion – Python (Django) and JavaScript – ([Repository](#))

- Worked in a team of 8 to develop a web application which allows users to track their finances, includes categories, accounts, user groups, targets, financial quizzes, and more.
- Responsible for developing log in, “forgot your password” section, user groups and other tasks. User groups are user-made groups where users can be a part of a group and compete based on how many targets they’ve met.
- Used industry standard code formatting, Trello organisation, and git commit messages alongside testing which had full code coverage, using the scrum development process.
- Took part in and had the opportunity to lead team meetings where tasks for the week, workload, assignment, planning, and more details of the project were discussed.

AirBnB Property Viewer – Java with Javafx & Git

- Worked in a team of 4 to develop a GUI based software application which displayed AirBnB properties read from an excel file. Test cases used to ensure software worked as intended.
- An interactive map made up of hexagons of London was used to represent London boroughs, properties in a certain borough were displayed when clicked.
- Responsible for designing and implementing a statistics GUI panel and algorithms to calculate these statistics.
- Some statistics included: Average Reviews per Property, Standard Deviation of Price, Most Expensive Borough, and more.

Salon Appointment Booking System – PHP, HTML, CSS, & SQL – ([Repository](#))

- Developed a website which holds an appointment booking system for a local salon business, using an SQL Database.
- Includes site functionality which allows users to log in/out, control their personal details, and manage their appointments. Also, staff members can log in/out, control all the appointments on the system, manage their own details, and more.
- Had strong communication with the client and customers to address their requirements and needs.

More information available on my [Portfolio Website](#)

Certifications

- **JP Morgan Chase & Co** – Software Engineering Virtual Experience
- **King's College London** – Professional Skills for a Globalised World
- **Ofqual** – Open Awards Entry Level Award in Employability and Professional Development (Entry 3) (RQF)

Experience

Internship Experience UK 2023 - Technology

Bright Network

June 2023

- Worked on a brief set out my Lloyd's Banking Group to help Small to Medium Enterprises meet their net zero emission goals.
- Came up with an idea for a forums-based application to allow business owners to find information regarding how to achieve this target.
- Attended talks from companies such as Lloyd's Banking Group, Google, Amazon, PwC, P&G, Bloomberg, Reply, UBS, Dyson, and more, which covered topics such as teamwork, networking, typical day as a software engineer, interview tips, commercial awareness, public speaking, graduate experiences, and more.

Computer Science Student Mentor

Leyton Sixth Form College, London

September 2021 – October 2022

- Worked closely with College A level students, mentoring, and advising them in all aspects of their coursework, and some coverage of the A level Computer Science specification.
- Use of PHP, HTML, CSS, and Python on a regular basis, with a focus on web development, database systems, 3D game development, and facial recognition systems using AI.
- Taught students about the design and documentation process of their coursework throughout its development, so that it's of an industry standard.

Beyond Programme Mentee

Barclay's Bank, London

January – March 2020

- Mentorship programme ran by Barclay's bank for Students at the Sixth Form level. Was assigned a mentor that worked in the bank in the data science field.
- Allowed me to develop my personal skills: networking, interview practise, etc. through networking events and workshops.
- Gave me an insight into the data industry when speaking to my mentor about his day-to-day activities at the workplace; how he used python to process data and create complex graphical charts.
- Interacted with various bank employees throughout the program, including members of the marketing, mortgage, engineering, and HR teams.

Group Member

Career Camp CIC

November – December 2019

- Group competition hosted by Career Camp CIC in partnership with Waltham Forest Council and Waltham Forest College. Groups tasked with designing a product or service to advance street safety in the borough.
- Presented in front of a board of industry experts, including the Met Police, Education professionals, BT, and local media companies, in the final stages of the competition.
- Group's idea was to create a forum application/website where people could report areas where they felt unsafe, and to gain support. Placed 2nd in the whole competition.
- Allowed me to develop my leadership, group collaboration, communication, and networking skills.

Skills

Programming	Java, HTML, CSS, Python, VB.net, PHP, C++, Scala, JavaScript, Django, React
Data/Databases	SQL, MySQL Server

Activities

- Committee Member (Minecraft Admin) and Rocket League 2nd team Captain for King's College London Gaming and E-Sports Society
- Member of a focus group with the Department for Education about the effects of social media on young adults and teenagers, and how parents can help their children.
- School Prefect to help communicate student ideas to the leadership team.