Matthew James Palmer

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LinkedIn   GitHub

Education

BSc (Hons) Computer Science
King's College London (KCL)   Sept 2021 - May 2024

Notable Modules: Elementary Logic with Applications (87%), Programming Practice and Applications (66%), Data Structures & Algorithms (88%), Introduction to Professional Practice (88%), Computer Systems (75%).

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 apart of a group and compete based on how many targets they've met.
- Used industry standard code formatting, Trello organisation, and git commit messages along side 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.
- The site includes 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.

Experience

Computer Science Student Mentor

Leyton Sixth Form College, London   September 2021 – October 2022

- o Work 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
- o 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.
- o Teaching 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

- o 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.
- o Allowed me to develop my personal skills: networking, interview practise, etc. through networking events and workshops.
- o 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.
- o 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

- o 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.
- o 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.
- o 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.
- o Allowed me to develop my leadership, group collaboration, communication, and networking skills

Skills

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

Activities

- o School Prefect to help communicate student ideas to the leadership team
- o 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.

References

Available upon request