

Dylan BARKER
London, United Kingdom

dylan@dylantjb.com
+44 7889 668267

linkedin.com/in/dylantjb
github.com/dylantjb | dylantjb.com

EDUCATION

King's College London *BSc Computer Science* *Sep. 2020 – May 2024*

- **Societies:** KCL Tech Society, KCL AI Society
- **Relevant Modules:** Introduction to Software Engineering, Software Engineering Group Project, Data Structures, Programming Practice & Applications, Practical Experiences with Programming, Database Systems

Brampton Manor Academy *A Levels* *Sep. 2018 – Jun. 2020*

- **A*s** in Computer Science, Mathematics, Further Mathematics

Bishop Challoner Catholic Federation of Schools *GCSEs* *Sep. 2013 – Jun. 2018*

- **Grades 9-6** in 9 subjects, including Mathematics and English

PROJECTS

Software Engineering Group Project (The Kite Club) *Python, King's College London* *Nov. 2023 – Apr. 2023*

- Collaborated on Django-based club membership & book recommendation platform, lauded by examiners and team
- Played a key role in full-stack development including forms, views, and templates, resulting in a seamless integration

Practical Experiences with Programming *C++, King's College London* *Oct. 2021 – Nov. 2021*

- Completed 5 weeks of evolving tasks that covered topics like data structures, memory management, and templates
- Showcased practical application of C++ concepts to real-life scenarios, such as a covid tracker and a sudoku solver

EXPERIENCE

Student Volunteer *Outreach, Imperial College London* *Jun. 2019*

- Cooperated with fellow student volunteers in conducting workshops to build mini-theremins for diverse age groups
- Facilitated hands-on guidance to workshop participants, resulting in over 80 functional devices built and taken home

Work Experience Participant *Finance, City & Guilds* *Mar. 2017*

- Attained a grasp of the finance department by joining meetings and venturing across sections from audit to payroll
- Executed tasks such as allocating over 100 payments using SAP and adjusting formulas in risk management reports

EXTRACURRICULARS

Asana2Calendar *Python* *Mar. 2023 - present*

- Developing Asana API-based CLI app for CalDAV calendar sync, utilising SQLite database for sync state tracking
- Implemented Flask SocketIO server for OAuth handling and token retrieval for improved credential management

Internship Experience UK *Java, Bright Network* *Jul. 2021*

- Gained real-world experience from Google and networked with prominent companies like Amazon and Bloomberg
- Simulated YouTube's video player for Google's Coding Challenge, achieving 100% testing success and a certificate

SKILLS

Languages Native in English, Intermediate: Python, Java, C++ Basic: C, Bash, HTML

Technologies Experience in Django, Flask, Git, Swing, Tkinter

ACHIEVEMENTS

British Informatics Olympiad Placed top 10% in the UK, 1st in cohort (2018-2020)

BEBRAS UK Challenge Obtained Distinction, top 5 in cohort (2018)

Certified Microsoft Office Specialist Microsoft Office (2013) Word, PowerPoint, Excel