Zyron Audwyn Dias
Computer Science Student

Address: London UK, TW3 4FE
Mobile: +447440598053
Email: zyrondias98@gmail.com
Portfolio: https://zyrondias.github.io/
GitHub: github.com/zyrondias

Education

BSc (Hons) Computer Science: **2017 - 2020**
University of Warwick (Coventry, UK)
- First-year mark: First-Class Classification with the highest mark of 94 in Mathematics.
- Second-year mark: High Second-Class Classification: Lower Division

A-Levels: Lampton School (London, UK)   **2015 - 2017**
- 3 A-Levels: Further Maths -A*, Maths-A, Physics-A

GCSE: Kingsley Academy (London, UK)   **2014 - 2015**
- 7 GCSE's A*-C including Maths and English

SSC: St. Dominic Savio (Mumbai, India)   **2002 - 2014**
- Total Percentage of 91.2%

Technical Skills

- **Java, C, Python, PHP, Haskell, HTML, CSS, JavaScript, Ajax, SQL, Bash.**
- **JDBC, Django, SQLite, MySQL, Oracle, JavaCC**
- **Linux, Windows, MacOS**
- **IOS Development: Swift, XCode, CoreData, CoreML, CreateML, ARKit**

Projects

Natural language processing tweet sentiment analysis IOS app: (Swift, XCode, CreateML, CoreML)
- Designed a simple user interface that allows a user to enter any twitter handle or hashtag and a scoring system determines the opinion on a particular topic
- Used Apple's CreateML library along with dataset of labelled tweets to create the text analysis ML model
- Made API requests to Twitters' developer API to retrieve 100 latest English tweets from the twitter handle provided by the user

Machine-Learning powered automatic hiring system for Deutsche bank:
(Django/TensorFlow/Python)
- Worked with a team to develop a hiring system capable of screening applicants, skill testing and decision making whether or not an applicant should be put forward to an in-person interview.
- Developed the front-end and the backend using **Django Framework** and **the tensor flow** machine learning library to determine an applicant's rank based on the data provided.

Shop database system (Java/JDBC/MySQL):
- Designed and implemented a shop database system including data retrieval capabilities using complex queries.

Object retrieval and enemy avoidance robot (Python/Java):
- Developed an AI-powered virtual robot with efficient maze solving, object retrieval and enemy avoidance capabilities using **A* Search**, **Dijkstra's algorithm** and **Trumeaux algorithm**.

Professional Experience

LMP Education (London UK)   **July 2019 – September 2019**
Head of IT and infrastructure
- Installed and set up windows enterprise systems for new hires
- Conducted audits and diagnostics on company laptops
- Launched security measures including bit-locker and Sophos endpoint encryption.
- Organized meetings with staff members to improve and introduce new technology services for their department.
- Presented IT and infrastructure reports to the directors
- Directed the implementation of teaching and assessment software for the company staff and customers.
- Provided on-call and in-person technical and troubleshooting support for on- and off-site staff.
- Collaborated with Technology Service Group to provide IT support and, administrate security and administration software deployment strategies