

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: University of Warwick (Coventry, UK) <ul style="list-style-type: none">First-year mark: First-Class Classification with the highest mark of 94 in Mathematics.Second-year mark: High Second-Class Classification: Lower Division	2017 - 2020
A-Levels: Lampton School (London, UK) <ul style="list-style-type: none">3 A-Levels: Further Maths -A*, Maths-A, Physics-A	2015 - 2017
GCSE: Kingsley Academy (London, UK) <ul style="list-style-type: none">7 GCSE's A*-C including Maths and English	2014 - 2015
SSC: St. Dominic Savio (Mumbai, India) <ul style="list-style-type: none">Total Percentage of 91.2%	2002 - 2014

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) Head of IT and infrastructure <ul style="list-style-type: none">Installed and set up windows enterprise systems for new hiresConducted audits and diagnostics on company laptopsLaunched 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 directorsDirected 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	July 2019 – September 2019
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