

EMMANUEL ROBINSON

Dubai, UAE

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Education

Murdoch University

Sep. 2020 – Dec 2022

Bachelor of Science in Computer Science and Business Information Systems (Double Major)

Perth, Australia

Relevant Coursework

- Data Structures and Algorithms (C++)
- Software Architectures
- Artificial Intelligence
- Computer Security
- OOP (Java)
- System Design
- Database Management
- Operating Systems

Experience

WeDance

Aug 2022 – Present

Software Engineer Intern (Frontend)

Munich, Germany

- Implemented new features to support a growing community on Vue.js.
- Conducted regular code review identifying bugs and simple code errors.

Murdoch University

May 2022 – Present

Peer Tutor

Dubai Internet City, Dubai

- Tutored **Data Structures and Algorithms** in C++.
- Prepared weekly and conducted tutorials to allow students understand core concepts.
- Learned to explain different data structures and algorithms concepts.
- Topics include **Arrays, Linked Lists, Sets, Sorting, Binary Trees, Hash Maps**, etc.

Take Capital

March 2022 – Aug 2022

Software Engineer Intern (Frontend)

Business Bay, Dubai

- Maintained blockduelers.io V1 repository adding new features with React.
- Collaborated on **keemokaziconsulting web3 app**'s design, authentication, and **integration with metamask**.
- Developed an affiliate page which boosted sales **by 60% using React and Firebase**.
- Assisted in creating an **ERC20 token** and deploying it on the blockchain.
- Assisted in listing **BDTX** Token on the Solana Blockchain for a web3 project.

FedEx

June 2021 – February 2022

Data Scientist and Process Developer Intern

Dubai

- Managed analytics and **data reporting from SQL** pulled data for multiple clients.
- Drove KPI enhancements by 60% through digitalising daily reporting methods
- Designed a peer-to-peer recognition tool launched across UAE Stations in order to drive productivity.
- Incorporated Microsoft Office **SharePoint API to fetch employee data**, allowing the recognition tool to process needed data to a database for tracking.

Projects

Supplement Management GUI | *Java, Eclipse, JavaFX*

July 2021

- Designed a simple supplement registration system using Java to simulate the common functions of a subscription management system.
- Used JavaFX to create a GUI that supports actions such as creating an account, displaying list of supplement, calculating monthly prices, generating emails for all customers, etc.
- Implemented object-oriented programming practices such as inheritance to create different account types and databases.

Technical Skills

Languages: C/C++, JavaScript/TypeScript, Python, Java, SQL, Excel/VBA

Technologies/Frameworks: React, Redux, Angular, HTML/CSS, Node.js, Express, GraphQL, SQL, MongoDB

Web3 (Knowledge): Solidity, Hardhat, Moralis, Sanity.io

Others: AWS, GIT, Heroku, Linux, Docker, TensorFlow, Jest, Power Automate