**SIG Algothon 2021**

* Implemented a competitive trading strategy to optimize returns off multiple instruments.
* Utilized machine learning in python to predict, future price and position size.

**A\* Search Algorithm Visualisation:**

* Implemented a path search algorithm used to find the fastest path between two points.
* Is applicable to a wide range of travel-routing systems.

## Is a demonstrationDr Mark Allenby

* of my ability to both create algorithms and integrate them in an UI.

**Additional Skills:**

* **Software:** Python, Java, SQL, HTML, CSS, C, Matlab, React.
* **Platforms:** Microsoft Visual Studio, IntelliJ IDEA, MySQL.

**Co-curriculars**

* **Judo BJJ:** Green belt at University of Queensland Judo Club.
* **Prefect:** Was a Prefect in my final year (2017) at Brisbane Boys College.
* **Captain of Cross Country:**  captained the cross country team in my final year at BBC.
* **Running:** I am still a passionate runner having run competitively during high school.

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71 Victoria Ave Chelmer Queensland 4068

**References**: Personal and work related references available on request.

**Software Skills and Projects**

GitHub: htps://github.com/benisrael29

**Benjamin Israel**

**Tutor**

**EMPLOYMENT**

**EDUCATION**

**Freelance**

**Think Mobility** ([www.thinkmobility.com.au](#)): Medical Equipment Supplier

* Delivered mobility aids to the general public and patients funded by both Federal and State funded schemes such as Department of Veteran Affairs, Palliative Care and NDIS.
* Helped to coordinate deliveries to aging, disabled and terminally ill patients.
* Leveraged knowledge in physiology and anatomy to provide clarity around purchasing decisions for patients.

**Tutor of Math and Science:** Freelance

* Worked with 4 high-school students over three years to improve their academic performance in Math and Science subjects.
* Helped a student gain entry to a commentative public academy. By providing a combination of good instruction and developing positive strategies/habits outside of classes.
* Leveraged knowledge from subjects taken through BE(Hon) and BSc to enhance teaching and challenge students with advanced concepts.

**Jan 2018 – Jan 2021**

**Deliver Driver**

**Dec 2018 – Jan 2020**

**Think Mobility**

**Queensland, AU**

* **Software Engineering**,BE(Hons) (GPA: 5.0)
* **Biomedical Science,** BSc (GPA: 5.0)
* **Software Coursework:** Algorithms & Data structures, Data Base design, Operating Systems
* **Biomedical Sci Coursework:** Systems Physiology,Genetics, Integrative Cell and Tissue Biology, Anatomy

**Jan 2018 - Dec 2022**

**University of Queensland**

Email: b.israela@outlook.com