

Ieuan Israel

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PROFESSIONAL SUMMARY

Experienced in leveraging advanced analytical techniques and cutting-edge technologies to derive actionable insights from datasets with gigabytes of data and relaying those insights to teams with varying levels of technical ability and size.

PROFESSIONAL EXPERIENCE

Ludis Analytics

Data Scientist and Full Stack Data Engineer

Remote

Aug 2021-Present

Fast-paced startup that sells a streamlined environment for managing an organization's entire data science and analytics workflow. Ludis expanded to five countries with thousands of stakeholders in the last three years.

- **Enterprise Offering:** Listen to customers' problems to drive custom data solutions as a part of Ludis' Enterprise offering, increasing the average customer value five times the amount of the base offering.
- **Custom Workflows / Pipelines:** Design and execute data pipelines with Apache Airflow to automate and run scripts inside Docker containers, dramatically increasing analysts' efficiency.
- **Tailored Dashboards:** Create interactive dashboards with machine-learning insights for clients using React, R Shiny, and Python Streamlit, which played a crucial role in raising over 5 million dollars in seed money for Ludis.
- **Full Stack Engineer:** Develop both the front-end and back-end of web applications. Designed user interfaces, implemented server-side logic, and managed databases using GitHub to collaborate with a team of five engineers.

Charles Stark Draper Laboratories

Simulation System Engineer

Cambridge, MA

Aug 2020-Aug 2021

Recruited to support their system's engineering model on the Blue Origin Human Landing System (HLS), representing over a billion dollars in potential revenue

- **Blue Origin:** Generated system engineering drawings to support the Guidance, Navigation, and Control (GN&C) for the Human Landing System (HLS).
- **Ballistic Missile Testing:** Generated C++ code based upon Interface Control Documents (ICD) using Python and Django to support simulation for ballistic missile tests.

VIRGINIA TECH BASEBALL

Data Scientist

Blacksburg, VA

Sep 2019-Mar 2020

- **SABR Analytics Conference:** Won the Society of Baseball Research (SABR) case competition by creating a pitch recommendation system to lower a pitcher's opposing Weighted On-Base Average (WOBA) by .05 on average.
- **Hamlett Research Scholarship:** Earned 1500 dollars for implementing expected run charts that drove decision-making in-game.

EDUCATION

Virginia Tech

Bachelor of Science in Computational Modeling and Data Analytics, Minor: Mathematics

Blacksburg, VA

Aug 2016-May 2020

SKILLS

Languages

SQL, Postgres, Python, R, Javascript, HTML, Django, Java, react, node.js, Airflow, Docker, data cleaning, data visualization, statistical modeling, natural language processing (NLP), neural networks, ETL, data engineering, machine learning (ML), database management, statistics, GitHub, Artificial Intelligence (AI), big data, amazon web services (AWS), TensorFlow