

# Isaac A.B. Yep

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# Languages











## Frameworks

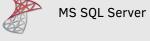


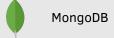














## **Education**



#### **BS. Mechanical Engineering** Awarded 2016 Minor in Mathematics, Minor in Physics, Research in vertical axis wind turbine development with field work.



### **BSID. Mathematical Physics**

Awarded 2019

Research in plasma physics with presentation at APS convention, Research in climate change / atmospheric physics sensors development and testing with pending research paper publication.



#### **Computer Science Post-Baccalaureate**

Awarded 2020

Have completed a post-bacc program with a 4.0 GPA, having taken all essential data structures and fundamentals courses along with all upper division courses. Concurrently was an IT volunteer contributing to a live Laravel application on a back-end web development team.



#### **MS.** Computer Science

Currently Studying

Currently maintaining a 4.0 GPA, with a focus on DevOps & Data Engineering.

# **Experience**



#### **Data Engineer**

Data Engineering and Analytics

Developed and maintained ETL pipelines for analytics reporting in Databricks as an admin. Managed several aspects of our Databricks workspace and provisioned requisite cloud assets.



#### **Frontend Engineer**

DevOps and UI/UX

Developed and maintained ETL pipelines for analytics reporting in Databricks as an admin. Managed several aspects of our Databricks workspace and provisioned requisite cloud assets.



#### **Associate Database Automation**

BlackBerry

DevOps and Data Engineering Engineer Member of the Data Architecture team headquartered in Portland, OR. Developed automations for data pipelines at enterprise scale, and

DevOps solutions in a fluid stack. Databricks admin for 7 separate workspaces.



**Data Architecture Intern** 

DevOps & Data Engineering

Worked with a large and dynamic automation and CI/CD stack in service of data aggregation and visualization. Contributed to and developed DevOps solutions.



**Data Software Engineering Intern** 

Data Engineering & Architecture

Developed a data retrieval and analysis virtual instrument for corestage rocket engine test data pipeline, and demonstrated software tooling and deployment for security standards by QC Engineer panel at NASA; Stennis Space Center.



### **Full Stack Software Engineering Intern**

Software Engineering

Completed a software engineering internship term at NASA; Stennis Space Center for the summer of 2020, where I solo-developed a full stack application that manages a COTS software inventory, and shadowed an agile development team.

## **Certifications**



Mechanical Engineering E.I.T.

**FEA Exam** 

NCEES FEA exam to be certified as a Mechanical Engineer I.T.

Updated: November 13, 2023