

Joseph Wilkes

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https://joeywilkes12.github.io/personal-website-router/



EXPERIENCE

Data Scientist & Data Science Consultant, Product Office

Oct 2022 – Sept 2026

Anglepoint

Hybrid Remote from Utah, USA

- Launched Cloud Cost Management (FinOps) Services line of business to generate more than \$100,000 USD through both client-facing delivery (3x) & product development
- Curated external product materials on FinOps & AI Cost Management services to support the 5th & 6th consecutive years as Leaders in associated Gartner Magic Quadrant
- Innovated continuously to support a multi-year automation initiative to increase revenue per headcount of major line of business, using LLMs to process thousands of text documents and automate consultants' manual data collection & document extraction.

Data Engineer

June 2022 – Oct 2022

Varian – A Siemens Healthineers Company

100% Remote from Utah, USA

- Built a web-based Plotly Dash dashboard with 10+ data visualizations & 30+ interactive components to provide insights on an A/B test of clinicians' use of AI models
- Engineered medical contouring data from nested & semi-structured to tabular form using Python with minimal guidance, providing statistics for an A/B test of AI performance
- Saved 12+ hours of contouring setup by automating a manual process using Python

Analyst, SaaS Delivery

May 2021 – June 2022

Anglepoint

On-site in Utah, USA

- Utilized Python, SQL, and Excel to identify millions of dollars in potential cost savings associated with management of Salesforce, Tableau, Adobe, & other SaaS vendors
- Built & led an internal Python resource group of 12+ individuals across several teams with a vision to enhance automation & analysis of client deliverables

Research Assistant

Apr 2020 – May 2021

Mathematics Department, B.Y.U.

Hybrid Remote from Utah, USA

- Engineered a data pipeline for a High Performance Computing (HPC) environment using Python, Slurm, Bash, and Git yielding 10+ TB of data through 40+ years of computing
- Automated processes for visualization & optimization of millions of predictive models
- Communicated & collaborated on technical concepts while writing a research paper, presenting at two research conferences, and teaching about HPC & code functionality

Data Analytics Intern

May 2019 – Aug 2019

Imagine Learning

On-site in Utah, USA

- Developed 12+ features for several predictive models using SQL & Python
- Acquired proficiency with Amazon Web Services (Athena, S3, Glue, Redshift, Lambda, EC2, IAM) as well as Google Cloud Platform, mainly Google Maps
- Engineered novel datasets for geospatial analysis & executive reporting

EDUCATION

BS, Applied & Computational Mathematics (ACME)

April 2021

Brigham Young University

Utah, USA

- GPA: 3.50 | Concentration in Business Management