

## Skills

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**Programming Expertise:** Python (Pandas, Sklearn, keras, PyTorch), SQL (BigQuery, MySQL, postgres), Tableau, Excel, Alteryx, Dataiku

**Technical Skills:** AWS, Data analysis, Regression, Classification, K-cluster analysis, ML, NLP, Statistics, Machine Learning, Data Engineering, A/B Testing, ETL, Jupyter Notebooks

## Experience

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### Data Analyst | *UBS* | Jan 2023 - Present

- Spearheaded optimization of organization-wide reporting by developing Python scripts within Dataiku, enhancing data extraction and transformation processes for streamlined efficiency.
- Designed, developed, tested, and deployed innovative Tableau dashboards, providing visually compelling representations of complex data sets to support informed decision-making.
- Played a pivotal role in ensuring compliance with evolving regulations by proposing and implementing changes to reporting structures, data management processes, and products.
- Led business-wide reporting efforts, collaborating with senior management to develop tools and strategies that effectively communicated critical insights.
- Proactively engaged with stakeholders to understand and prioritize business and information needs, aligning data gathering and modeling strategies with organizational goals.

### Data Scientist | *Vermeer* | Feb 2021 - Dec 2022

- Employed advanced query, visualization, and analytical tools to collect, analyze, and process complex datasets, leveraging Python, PyTorch, and OpenCV within a Unity environment.
- Directed the enhancement and maintenance of machine learning models for the analysis of satellite imagery, contributing to the optimization of production processes.
- Pioneered the development of novel computer vision algorithms for autonomous UAV navigation in GPS-denied environments, conducting experiments that showcased innovative solutions.
- Fostered collaborative relationships with project stakeholders by providing valuable input in weekly product reports, ensuring alignment with project goals and objectives.

### Data and Policy Analyst | *Pie for Providers* | Oct 2021 - Jan 2022

- Collaborated with a cross-functional team of software engineers to maintain SQL scripts, facilitating the creation and population of tables in the data warehouse for daily reporting across departments.
- Conducted critical evaluations of information gathered from multiple sources, ensuring accuracy and reliability for cursory reviews.
- Demonstrated a strong understanding of current issues and trends in child care financial assistance, specializing in 20 US states.

## Education

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### Data Science & Computer Science | [\[Bloomtech Institute of Technology\]](#) | Oct 2019 - June 2020

- Completed a rigorous 9-month accelerated program with a focus on data science, engaging in an immersive hands-on curriculum.
- Developed a robust foundation in descriptive and predictive statistics, encompassing key concepts such as linear algebra, linear regression, hypothesis testing, and data storytelling.
- Acquired hands-on experience in machine learning, demonstrating mastery in unsupervised learning, natural language processing, and neural networks.