Huy Bui

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EXPERIENCE

Publicis Groupe
Remote
Senior Data Scientist — *June 2022 – Present*
- Developed 7 client-agnostic applications using Python and Dash, empowering 100+ analysts to streamline data analysis and reporting, saving over 4,600 hours of productivity.
- Led data science initiatives and cross-functional teams to build scalable analytics solutions, driving alignment and efficiency in a fast-paced, startup-like environment.
- Built an automated data pipeline leveraging Python, SQL, BigQuery, AWS Lambda, S3, and EventBridge.
- Developed regression models and LLM-based procedures to extract insights and optimize marketing spend allocation for global enterprises.
- Enhanced UI/UX by migrating Python codebases to React, using tools and techniques such as Figma, Postman, and REST APIs.

Enovate Upstream
Remote
Research Data Scientist — *April 2020 – June 2022*
- Lead author of the research *Machine Learning Applications to Improve Pore Pressure Prediction in Hazardous Drilling Environments*, published at **OnePetro**.
- Developed time series and physics hybrid-models for drilling measurement predictions, reducing reliance on costly logging tools and saving clients over $200,000.
- Built a robust data cleaning and standardization pipeline in Python, streamlining data preparation across multiple clients and reducing manual processing time by 30%.

Texas A&M University
College Station, Texas
Teaching Assistant — *August 2017 – May 2019*
- Taught Python, Matlab, Calculus I, II, Differential Equations, and Discrete Mathematics to engineering students, assisting with lectures and grading assessments.

TECHNICAL SKILLS

Data Science and Programming: Python (Pandas, Numpy, Scikit-learn), SQL, JavaScript, React, BigQuery, LLM.

Other: OpenAI api, AWS (S3, Redshift), CI/CD (TeamCity, GitHub).

EDUCATION

Texas A&M University
College Station, Texas
Master of Science in Mathematics — *July 2019*
- Final thesis: Discharging Method on the Planar Graph.

University of Houston - Downtown
Houston, Texas
Bachelor of Science in Mathematics — *May 2017*
- Summa Cum Laude, minor in Computer Science.
- 4 undergraduate researches in Quantum Calculus.
- President of Math club (3 years), Scholars Academy member, Pi Mu Epsilon member.

RECOGNITION AND ACTIVITIES

1st Place Team - Catalyst Award in Centralized Data | *Publicis Groupe - CBS Studio* — December 2024
- Recognized for developing a scalable data analytics suite that enhances decision-making and bridges siloed data.

1st Place Team - Publicis Global Data Intelligence Awards | *Publicis Groupe* — November 2024
- Recognized the most innovative analytics solution across Publicis Groupe.

Mentor | *Techsphere* — August 2022 - August 2024
- Helped Vietnamese professionals with mock interviews in data science and software engineering.

1st Place Team at Glasstire DataHack | *Rice University* — December 2019

3rd Place Team at TAMU Hack | *Texas A&M University* — January 2020