

Hien (Emi) Bui

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EDUCATION

Drew University

Master of Science in Data Science, GPA 4.0

Madison, New Jersey

Anticipated Graduation: August 2026

Asian University for Women

Bachelor of Arts in Economics, CGPA 3.63

Chittagong, Bangladesh

Minor in Mathematics and Asian Studies

September 2011 – May 2016

Honors and Awards: 95% Scholarship Recipient

PROJECTS

Drew University

Madison, New Jersey

Class Projects

November 2024 - Present

- Object Detection App (YOLOv11n) - Python, Tkinter, Torch, OpenCV: Built a real-time image/video/camera detection app using the YOLOv11n model, achieving mAP@0.5 > 85% and ~30 FPS; added object & people counting and before-after visualization. [Link](#)
- Manga Sentiment (Mashle, 90+ reviews) - Python, Selenium, TextBlob, NLTK, Power BI/Tableau: Scraped and analyzed audience reviews for Mashle; achieved 83% sentiment classification accuracy, visualizing polarity trends and reader emotions across platforms. [Link](#)
- EV Adoption (WA, 235k+ records) - Python (Polars, Plotly): Engineered brand- and city-level cohorts; surfaced Tesla's >250 mi range (+20% vs next brand) and Seattle's 3x lead, enabling a 4-chart narrative on EV range and adoption concentration. [Link](#)
- Movie Recommender (90 titles) - Python, R (KNN, DT, LR): Developed models to predict top-rated movies with ~80% accuracy; compared Euclidean vs. Manhattan similarity for top-5 recommendations. [Link](#)

EXPERIENCE

CosmicVision Company

Ho Chi Minh, Vietnam

Lookdev/Lighting Artist

March 2021 – July 2024

- Developed 3D assets - including modeling, texturing, and look development - based on concept art and visual references.
- Trained new employees on studio workflows and Maya tools; recognized as Most Interesting Employee of the Year, 2021.

BadClay Studio

Ho Chi Minh, Vietnam

Project Manager

February 2018 – March 2021

- Managed cross-functional teams of 30 across asset creation, VFX, lighting, production, and animation, overseeing schedules and deliverables for projects totaling \$40K.
- Served as the primary point of contact for clients, preparing budget proposals and reviewing feedback.
- Oversaw post-production for an episode of Sweet Home (top Korean zombie series); honored as Best Producer of the Year, 2020.

SKILLS

Technical

Python | R | SQL | Pandas | Polars | NumPy | Scikit-learn | PyTorch | OpenCV | YOLOv11 | Jupyter Notebook | Quarto | VS Code | GitHub | MySQL | Excel | Plotly | Tableau | Power BI | Selenium | NLTK | TextBlob | Maya | Blender | Substance Painter

Professional

Data Analysis | Data Visualization | Machine Learning | Statistical Modeling | Computer Vision | Project Management | Communication | Problem Solving | Teamwork | Research