Gia Nguyen

gkn5041@psu.edu | State College, PA | github.com/gianguyen7

EDUCATION

The Pennsylvania State University   **University Park, PA**
College of Information Sciences and Technology, Bachelor of Science in Applied Data Science   **GPA: 3.75**
Smeal College of Business, Certificate in Business Fundamentals   **Aug 2019 – May 2023**

Awards/Certifications
Certified in Lean Six Sigma Yellow Belt
Provost Award, Elsbach Trustee Scholarship, and Dean's List (2020-2023)

EXPERIENCE

IBM (Data Engineering Co-Op)   **Sept 2022 – May 2023**
- Assist senior-level consultants with designing the appropriate data store such as relational tables or cloud object stores.
- Consult with clients on developing data pipelines that move data from source systems to analytic data store.
- Collaborate with data architects and data scientists to address database integration problems and unstructured data sets.

PPG Industries (Machine Learning Operations Intern)   **May 2022 – Jul 2022**
- Utilized Databricks & Azure DevOps to process data and perform exploratory data analysis (EDA) using PySpark & SQL to predict churn risk for each customer through classification.
- Spearheaded unit testing for churn model by writing quality maintainable code in Python.
- Achieved automation through CI/CD pipelines for code deployment.

The Pennsylvania State University (Learning Assistant)   **Jan 2022 – May 2023**
- IST 230: Discrete Mathematics (Spring & Fall 2022)
- Commit 10 hours/week to hold weekly office hours, grade homework & quizzes with class size of approximately 50 students.

SchizophrenAI (Business Analyst)   **Dec 2021 – Oct 2022**
- Developed an AI-aided website that provides quantifiable metrics using eye-tracking methods to help diagnose schizophrenia.
- Won 2nd place in the Nittany AI Challenge 2022 out of 46 teams with a total allocated fund of $7,000.
- Outreached to medical professionals in Vietnam to conduct user testing on 20 subjects.
- Planned to apply for additional funding for clinical trials in Ho Chi Minh Psychiatric Hospital in 2023-2024.

Vietnamese Student Association (Secretary)   **Aug 2021 – May 2022**
- Create agendas, meeting minutes and other documents to enhance the collaborative process.
- Establish consistent administrative procedures to minimize errors and avoidable delays.
- Pilot a calendar management system to increase team efficiency.
- Planned Tet: Vietnamese Lunar New Year 2022 Celebration for 6 months with approximately 250 attendees.

TECHNOLOGIES

Languages: Python, R, SQL
Visualizations: Tableau, PowerBI
Other: Spark, AWS, Azure, Hadoop, MS Office, Salesforce CDP, Databricks

---

VOLUNTEER EXPERIENCE

- Fundraised $14,000 for Central Vietnam due to the aftermath of nine consecutive tropical storms in 2020.
- Coordinated and funded approximately $12,000 to build two elementary classrooms in Ha Giang, Vietnam, in 2019.