Vy Vuong

 vlqv9210 vyvuong vvuong@seattleu.edu 206-403-8542

EDUCATION

Seattle University — Expected Grad : June 2025
Bachelor of Arts in Computer Science, Minor in Data Science and Math

Relevant Courses:Data Structures and Algorithms, Object-Oriented Design, Operating Systems, Statistics, Discrete Mathematics, Linear Algebra

SKILLS

- **Tech Stack:** Python, R, Tableau, SQL, F#, C#, C++, HTML, CSS, JavaScript
- **Libraries/Tools:** MySQL, Pandas, Numpy, Matplotlib, Seaborn, Plotly, Gala, ASteCA, SciPy, AstroPy, Google Sheets, Google BigQuery, MS Excel, Jira, Microsoft Azure, Confluence, Colleauge, Figma, SquareSpace, Canva

EXPERIENCE

Information Technology Intern | *Lakeside Upper School* — Oct 2024 - Present

- Developed kiosks and integrated APIs using Google Scripts and Python; automated workflows with Google Sheets/Forms and provided front-line support for hardware, printers, and network troubleshooting.
- Google Sheets/Forms and provided front-line support for hardware, printers, and network troubleshooting.
- Managed Zendesk tickets, supported Linux systems, assisted with AI training, and maintained device loan programs; documented IT processes and collaborated via Microsoft Loop. .

Undergraduate Research Assistant | *Seattle University* — June 2024 - September 2024

Technical Skills: Python using GALA, ASTECA, Pandas, NumPy, Matplotlib, Seaborn, Plotly, SciPy, AstroPy

Data Analysis: Stellar dynamics, isochrone fitting, proper motion analysis

- Implemented GALA to identify tidal tails and escaping stars in **3 globular clusters**: NGC 6544, Ter12, and Djor1, enhancing understanding of stellar dynamics.
- Analyzed observational data from over **1,000 sources** in the Blanco DECam Bulge Survey (BDBS) and Gaia, deriving key parameters such as RA, Dec (degrees), radial velocity, proper motions (pmra and pmdec), and distance (km/sec) for **14 star clusters**, with a focus on a sample from NGC 6569 and NGC 6544.
- Collaborated with a team of 4 researchers to refine computational model, presented findings at weekly meetings, facilitating discussions that generated valuable feedback and insights for future research.

IT Service Desk Student Technician | *Seattle University* — Oct 2023 - June 2024

- Played a key role in refining troubleshooting documentation, contributing to its user-friendliness and effectiveness in addressing common technical issues.
- Proficiently utilized Jira ticketing system, Microsoft Office tools, and audio board and mixer in executing tasks and ensuring optimal functionality.

ACTIVITIES

College of Science and Engineering Senator - Seattle University — April 2024
Actively represented student interests, addressed concerns, and fostered academic community engagement within the realm of science and engineering.

Alfie Scholars - Seattle University — Jun 2023 - present
Awarded Alfie Scholarship, being one of 10 transfer students selected for the highly competitive 2022-23 program focused on social change, problem-solving, leadership and critical thinking.

Global Ambassadors - Seattle University — Aug 2023 - present
Welcome events are held on a quarterly basis to help new students acclimate to the school by offering a variety of activities, promoting a sense of belonging, and providing continuous support.

PROJECTS

LinkUp | *React, Tailwind CSS, Flask, ProxyCurl API*
Developed a mentorship matching platform that uses LinkedIn profiles to recommend mentors based on career interests and goals. The platform analyzes users' profiles to suggest relevant mentors, enhancing professional networking and mentorship opportunities.

London Bike Analysis | *Python, Pandas, Tableau, Jupyter Notebook*
Conducted an analysis of London bike-sharing data, focusing on user behavior and trip patterns. Utilized Python and data visualization libraries like Pandas to extract insights, such as peak usage times, popular routes, and other trends to inform city planning decisions.