Anh-Minh Nguyen

anhm1n@uw.edu | linkedin.com/in/anh-minh-nguyen-9757b6117/ | github.com/anhm1n

Education

University of Washington   Seattle, WA
Master of Science in Biostatistics   *Sep. 2020 – Present*

University of Washington   Seattle, WA
Bachelor of Science in Statistics, Minor in Mathematics, Applied Mathematics   *Sep. 2015 – March 2020*

Experience

Data Science Student Assistant | *R, RShiny*   November 2019 – October 2020
University of Washington   *Seattle, WA*
- Conducted data wrangling, manipulation, analysis, and visualization involving PFS, OS, medications and various other features and outcomes of cancer patients. Included survival analysis and various machine learning methods.
- Built a score calculator to predict risk of being tested positive for a certain disease within a year of stem cell transplant.
- Maintained discrepancy of research goals and documented tasks effectively for research lead to present to physician.

Projects

Quiz App | *Python, GIMPshop, Inkscape Project*   May 2020
- Developed a computer application that for quizzes that features a score counter and be downloaded on other computers.
- Utilized a photo-shop and an illustrator programs to design aesthetic of application for entertainment immersion.

MATLAB Data Science | *MATLAB*   January - March 2020
- Conducted linear discriminant analysis to build a music genre classifier
- Experimented with a neural network to achieve over 90% accuracy on test set of fashion MNIST.
- Utilized principal component analysis and Fourier transform to track motion of a moving paint can.

Clinic Appointment Database | *SQL, Tableau, Power BI*   October - December 2018
- Created mock database for doctor appointments, including creating procedures of updating, inserting, and deleting information and altering tables after designing database, such as outlining primary and foreign keys.
- Visualized database entries using interactive data visualization software.

Other Experience

Water Safety Instructor   June - September 2017, 2018, 2019
Snohomish County   *Everett, WA*
- Instructed students, ages 3-15 and differing mental and physical abilities, how to swim and behave in various aquatic environments and received high supervisor and customer scores on evaluations.
- Created new drills and games, including a new teaching scheme for scissors kicks, that became widely used by other instructors.

UW Dream Project TEC High School Lead   February - June 2017
University of Washington   *Seattle, WA*
- Educated a small group of college students weekly on the topic of mentoring students from socioeconomically disadvantaged and culturally diverse backgrounds.
- Established safe environment for leads and students to address problematic behavior and foster personal growth successfully.

Additional Skills

Programming Languages: Java