Ulysses Foote-McNabb

Seattle, WA • +1 (206) 673-6303 • ulyssesfm@gmail.com • linkedin.com/in/ufm/

WORK EXPERIENCE

NE Research Associate   January 2020 – Present
Fred Hutchinson Cancer Center, Seattle, WA

The Strong lab studies problems in immunology using crystallography and protein science.

Accomplishments:
- Led my own project to develop a synthetic antivenom.
- Developed a novel procedure for pre-screening hundreds of thousands of drug candidates using machine learning (in Python).
- Identified real-world drug candidates from a computer-generated library (using flow cytometry)
- Produced and purified over twenty proteins and provided materials and data analysis for other projects.
- Taught other lab members how to use the center's scientific computing and machine learning resources.

EDUCATION

Bellevue College, Bellevue, WA   2022 – 2024 (Projected)
Bachelor of Science — Computer Science

- Coursework in databases (SQL), data structures (C++), and data science (Python).

University of Washington, Seattle, WA   2017 – 2021
Bachelor of Science — Biochemistry, Neuroscience

- Additional courses in computer science (Java, data structures and algorithms, computational neuroscience).
- GPA: 3.53.

SKILLS

Programming Languages: Java (fluent), Python (proficient), C++ and Swift (learning)
Software Tools: BioPython, AlphaFold, Python ML/data science libraries, databases (MySQL)
Biochemical Techniques: Molecular cloning, tissue culture, protein purification, flow cytometry.