

ULYSSES FOOTE-MCNABB

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EDUCATION

University of Washington

BS Biochemistry; Neuroscience

2017 – 2021

Seattle, WA

- GPA: 3.53
- Relevant coursework (GPA: 3.87): Java, Data Structures (Java), Comp. Neuroscience (Python)

Bellevue College

BS Computer Science (In Progress - Projected Graduation June 2024)

2022 – Present

Bellevue, WA

- Relevant coursework: Databases (SQL), Data Structures (C++), Python for Data Science

WORK EXPERIENCE

Fred Hutchinson Cancer Center

NE Research Associate

Jan 2020 – Present

Seattle, WA

- Performed cloning, protein expression and purification.
- Used flow cytometry and microplate assays to investigate protein binding.
- Performed data analysis and modeling (including AlphaFold) with Python.

SKILLS

- Programming Languages: Java, Python
- Biochemistry Techniques: Tissue Culture, Cloning, Protein Purification, Microplate Assays, Flow Cytometry, Biopython

PROJECTS

Synthetic Antivenom

Python, Biopython, Tissue Culture, Flow Cytometry

Led a project to develop a synthetic antivenom proof-of-principle. Leveraged Biopython and AlphaFold-Multimer to generate a library of drug candidates. Used flow cytometry for candidate screening.