AMBER NGUYEN

89 Rogers St, Tewksbury, MA 01876 | (978) 908-0498 | amnguyen@hmc.edu

EDUCATION

University Of Massachusetts Amherst *December 2019*
Bachelor Of Science in Microbiology

RELEVANT EXPERIENCE

Medical Scribe, ScribeAmerica Salem Hospital Emergency Department *August 2022 – Present*

- Supported Emergency Department physicians in their workflow by writing accurate HPIs and documenting reassessments and consults or updates pertaining to a patient's care
- Organized patient charts and clinical course of care by recording physical exam findings, noting abnormal labs, and inputting imaging reads

Clinical Research Coordinator, Massachusetts General Hospital *December 2021 – Present*

- Handled data queries, data entry, and protocol-related questions from other RECOVER study coordinators as part of the Data Resource Core hosted at the MGH Biostatistics
- Contributed to the project's code base and maintained data integrity of the study data in REDCap by writing data queries for site-level users to correct

Volunteer Research Assistant, University Of Chicago MHFP *December 2021 – May 2023*

- Worked a literature review regarding different types of CSF parameters and their effects on the mechanisms and treatments of hydrocephalus
- Performed statistical analysis using SPSS and Microsoft Excel
- Co-authored "Intracranial Compliance, Resistance to CSF-Outflow, and Pressure-Volume Index in Hydrocephalus Patients: A Systematic Review and Meta-Analysis" in *IRBM* in May 2023

Clinical Lab Technologist II, Brigham And Women's Hospital *May 2020 – August 2022*

- Ensured specimen quality and appropriateness of lab orders for further processing
- Accurately accessioned and labeled specimen containers and media
- Performed and resulted time-sensitive STAT tests

Summer Internship, REU In Data Science, Harvey Mudd College *May 2019 – August 2019*

- Further developed and validated a multicompartmental model of Type I Diabetes
- Worked in a team to debug code, perform literature reviews, and brainstorm ideas
- Programmed in MATLAB to perform local and global parameter sensitivity analysis
- Documented code and results for reports and future research use

Research Assistant, BINDS Lab, UMass Amherst *July 2017 – January 2019*

- Analyzed correlation between Gibbs Free Energy values and protein-protein interaction networks for different cancer types using KEGG Pathways and Cytoscape
- Calculated Z-Scores for different cancers using real patient data in Excel and Python
- Co-authored "Gibbs free energy of protein-protein interactions correlates with ATP production in cancer cells" in *The Journal Of Biological Physics* in December 2019