LOGAN MILLS

Charlottesville, VA | millslogan2003@gmail.com | Personal Website: millslogan.github.io

EDUCATION

UNIVERSITY OF VIRGINIA — Charlottesville, VA
Master's of Computer Science — Expected December 2025
Cumulative GPA: 4.0/4.0

Relevant Coursework: Dependable Computing Systems; Advanced Embedded Systems; Machine Learning;

Bachelor of Science — May 2025
Major in Computer Science
Cumulative GPA: 3.92/4.0

Relevant Coursework: Machine Learning; Software Engineering; Algorithms; Artificial Intelligence; Discrete Mathematics

WORK EXPERIENCE

VIRGINIA COMMONWEALTH UNIVERSITY — Richmond, VA
Research Assistant — May 2023 – September 2024
- Assisted research in applied **natural language processing** in **biomedical** texts for identifying entities and relationships
- Develop and utilize **machine learning** models for various NLP tasks, **named entity recognition, relationship extraction**
- Create graph neural networks in **Python** using **Tensorflow**, **Numpy**, and **NLTK**
- **Analyze** multiple biomedical **datasets** using **Pandas**

CVS Pharmacy — Charlottesville, VA
Lead Pharmacy Technician — July 2022 –Present
- **Detail-oriented** entry and validation of prescription and insurance information
- Provide quick **customer service,** resolve i**nsurance** rejections, and contact prescribers
- Strong knowledge of medications, dosing, **pharmacy software,** and **point-of-sale systems**
- Train and manage other team members to maintain ready-when-promised metrics

PERSONAL PROJECTS

NFL PREDICTION WEBSITE: https://millslogan.github.io/nfl-preds — Summer, 2024-Present
- A static **single-page website** for making predictions about NFL games for my family, hosted on GitHub
- Created using **Angular** with automatic updates using a web scraping script in **App Script,** using Google Sheets as a back-end, and connecting using the Google Cloud framework

UCALCX: UNIT CALCULATOR — Summer, 2024
- A calculator that facilitates cross-unit calculations, handling conversions behind the scenes, implemented in **Python**
- Created a **framework** that allows users to add **custom units** and perform cross-system operations, maintaining the dimensional states of units

CONTEXT-FREE GRAMMAR CALCULATOR — Summer, 2024
- A calculator that parses and resolves user input equations using a **context-free grammar**
- Reads input from the command line, implemented in **C++**

PLAY PLATE: GAME WEBSITE — Spring, 2024
- Designed and constructed a website hosted on an **Apache** server hosting games commonly found on the back of a menu
- Server-side management of accounts and game states using **PHP** and **Postgres** database
- Use of **JavaScript**, **CSS,** and **HTML** to create an interactive user experience

ADDITIONAL

Technical Skills: Advanced in **Python, JavaScript**, **HTML/CSS;** Proficient in **C#, Java, C++**
Certifications & Training: Certified Pharmacy Technician (2024)
Awards: Presented research at **ABRCMS 2023**