LUCA NEGRIS

155 Wemple Road, Glenmont, NY, 12077

lnegris@umass.edu - www.linkedin.com/in/luca-negris - https://github.com/lucamne

EDUCATION

University of Massachusetts Amherst   *Exp. Graduation December 2023*
Senior Undergraduate   GPA: 3.6
Pursuing a Bachelor's in Computer Science

COURSEWORK

Software Engineering	Programming Methodology
Algorithms	Data Structures
Machine Learning	Circuits & Electronics
Computer Networks	Natural Language Processing

WORK EXPERIENCE

Xybion Corporation   July 2022 - September 2022
Junior Developer Intern

· Built relational diagrams for a complex database system

UMass Amherst Residential Life   June 2023 - September 2023
Special Projects

Empire Estate Sales   September 2020 - September 2021

SKILLS

Languages	Java, JavaScript, Python, C, C++, SQL
Tools	Github, Arduino, Node.js, React, Express, PostgreSQL, RESTful API, JSON

PROJECT EXPERIENCE

FarmFresh   Fall 2022
CS320 - Software Engineering   *https://github.com/VFMCS*

· Built a full stack web application with PostgreSQL, Node.js, Express, and React
· Learned to use Google Cloud Platform to host a website and database using Compute Engine and Cloud SQL respectively
· Simulated working through a full development cycle with a team of developers

Linear Regression ML Agent   Spring 2022
CS389 - Introduction to Machine Learning

· Programmed an ML agent using linear regression
· Optimized the prediction using gradient descent on the least squares loss function
· Applied the agent to real datasets in order to categorize tumors

FAT32 Parser   Spring 2022
CS365 - Digital Forensics

· Built a tool in Python that parses the FAT32 filesystem
· Learned fundamentals of the FAT32 filesystem as well as data recovery techniques