

Anthony Gatti

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EDUCATION

Wheaton College, Norton, MA Expected May 2023
Bachelor of Arts, Double Major in Computer Science and Math-Economics **GPA: 3.56**
Relevant Coursework: Data Structures, Web Development, Database Systems, AI/Machine Learning, Computer Organization, Algorithms, Systems and Multiprogramming, Discrete Math, Linear Algebra, and Cryptography

SKILLS

Languages Python, C/C++, R, Java, SQL/NoSQL, JavaScript, TypeScript, HTML/CSS, jQuery, PHP
Frameworks React, Node.js, Material-UI, Tailwind, Bootstrap
Tools/Software Git, Firebase, MySQL, MongoDB, Android SDK, AWS, Docker, Jira, Agile, Scrum, LaTeX

EXPERIENCE

Research Assistant Jun 2022 - Aug 2022
Wheaton College Norton, MA

- Evaluated 1300+ companies' positions regarding the current Russian-Ukraine War to increase perspective
- Led the team's coding portion; accelerating the data collection using Python, Selenium, and BeautifulSoup
- Developed a predictive model to see if companies will follow a trend using R and Python

Digital Operations Intern May 2021 - Aug 2021
Hannaford Bros. Co. LLC Scarborough, ME

- Formulated designs and procedures to facilitate and implement a digital platform for engaging trainees
- Succeeded in providing a new innovative and creative solution to improve performance and quality of training
- Initiated a workflow and travel plan to get real data from store managers involving trainee retention rate

LEADERSHIP EXPERIENCE

Computer Science Peer Tutor, Wheaton College Sep 2022 - Present

- Assist students in 5 different Computer Science courses involving Python, C/C++, Html/CSS, and Javascript
- Develop challenging problems sets for advanced final and midterm exam preparation

Computer Science Teaching Learning Assistant, Wheaton College Sep 2021 - May 2022

- Conducted weekly content review sessions for 30+ students leading to retention of concepts
- Guided students with coding laboratory exercises to increase knowledge in Python

PROJECTS

Password Cracker | C [Github](#)
A multi-threaded password cracker that takes in a dictionary file and tests 80 variations of each word

Hasher | C [Github](#)
A multi-process hasher that takes an input and applies a nonce until a desired number of 0's in the hash are reached

Multi-Threaded Conway's Game of Life | C [Github](#)
A multi-threaded version of Conway's Game of Life that partitions the board into slices

EXTRA-CURRICULAR ACTIVITIES

Varsity Cross Country and Track Team Athlete, Wheaton College Aug 2019 - Present