Nicholas Satriano

35 Great Oak Lane, Redding, CT 06896 | 203-885-4497 | nas022@bucknell.edu | Website | LinkedIn

Summary

A graduate of Bucknell University with a BS in Computer Science seeking an entry-level, team-oriented programming position. Eager to collaborate with team members and contribute to organizational goals. Coursework has included programming in Python, R, Java, and C.

Skills

Programming Languages: Python, R, Java, C, HTML, CSS, JavaScript, SQL

Other Skills: Data Mining, Pandas, Sci-Kit Learn, TensorFlow, Keras, Front-End Development, React, Microsoft DevOps, Software Refactoring, Linux, Excel, PowerBI

Education

Bucknell University, Lewisburg, PA   Graduated May 2023

Bachelor of Science in Computer Science   GPA: 3.03   Dean's List for 3 semesters

Projects

AutoSpa Car Wash Website, EG America

Collaborated with the Marketing Department to create a website promoting the opening of a nation-wide car wash program. Developed the website using HTML and CSS, containing all store locations and easy-to-access directions using links to Google Maps.

SpaceMath: Senior Design Project, Bucknell University

Worked with three senior computer science students to create a new method for inputting digital mathematical notation, aiming to replace the current solution: LaTeX. Used JavaScript and HTML to create a program that parses user input, identifies math notation between the given delimiters, and outputs text containing neatly formatted math equations. Alpha version is built into a simple static website and is capable of interpreting English, Spanish, and Chinese inputs, all while producing an accessible output that can be utilized by screen-reading tools.

Data Mining Stock Market Data, Bucknell University

Led two peers in conducting an analysis of Yahoo! Finance's extensive historical stock market dataset. Developed several Python notebooks to import, prepare, and model data for three stock tickers to judge the predictability of stock price movements with machine learning. Used Pandas and Sci-Kit Learn to structure and model the data, ultimately using a Random Forest Classifier to generate daily stock price movement predictions for each of the three stock tickers.

Professional Experience

Front-End Developer Intern, **EG America,** Westborough, MA   May 2022 – Aug 2022

Responded to requests from the development team and gathered information from consumers about program functionality to identify and troubleshoot recurring bugs. Utilized Microsoft Azure to identify and assist with troubleshooting bugs in existing programs to support software reuse and refactoring. Designed and successfully deployed a website to advertise the company's most recent business venture. Cultivated good, working relationships with team members and explained technical concepts clearly to both internal and external audiences.

Leadership & Activities

Education Chair, Lambda Chi Alpha, Bucknell University, Lewisburg, PA   Dec 2021 – Dec 2022

Developed and implemented an all-member, inclusive educational experience. Managed the Associate Member onboarding process. Created and managed a semester-long schedule of events.

Social Chair, **Lambda Chi Alpha,** Bucknell University, Lewisburg, PA   Dec 2020 – May 2021

Created and managed a schedule of unique social events. Maintained a positive relationship with the leaders of Greek and non-Greek Organizations on campus. Responsible for overseeing the upkeep of the Fraternity House.

Member, Alpha Lambda Delta Honor Society, Bucknell University, Lewisburg, PA   Jan 2020 – May 2023

Member, Association for Computing Machinery, Bucknell University, Lewisburg, PA   Aug 2019 – May 2023