Nicholas Satriano

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

Summary

Skilled Software Developer with a professional background in front-end development. Proficient in Python, R, Java, and C, with project experience in building web apps. Seeking new opportunities and challenges that align with my interests in Software Development, Data Science, and innovative problem solving.

Skills

Programming Languages: Python, R, Java, C, HTML, CSS, JavaScript, SQL
Other Skills: Data Mining, NumPy, Pandas, Seaborn, Sci-Kit Learn, TensorFlow, Keras, Front-End Development, React, Microsoft DevOps, Microsoft Azure, Software Refactoring, Linux, Excel, PowerBI, Git, Agile

Education

Bucknell University, Lewisburg, PA   Graduated May 2023
　　　Bachelor of Science in Computer Science   GPA: 3.03   Dean's List for 3 semesters

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 regarding SmartPay Rewards app program to identify and troubleshoot recurring bugs. Self taught in principles of Microsoft Azure. Utilized Azure to identify and assist with troubleshooting bugs in store-support data pipelines to ensure proper software reuse and refactoring. Assisted with evening deployments to reduce late-night support needs. 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.

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 given delimiters, and outputs text containing neatly formatted math equations. Alpha version is capable of interpreting English, Spanish, and Chinese inputs, all while producing an accessible output that can be utilized by screen-reading tools. Proposed to and considered by W3C for Markup web standards.

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.

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