

Nicholas Snell

Financial Analyst Intern

M.S. in Financial Mathematics (Dec 2020) with strong analytical skills shown through past projects and coursework. Ability to take known data and predict future outcomes through finance.

- Presented Undergrad Senior Thesis in String Theory, and received an A.
- Mini CECL project in python with linear regression model.
- R project to figure best fit for a distribution of S&P500 over last 100 days.

Education

North Carolina State University

12/2020

Master's of Science in Financial Mathematics

Belmont Abbey College, Belmont, NC

05/2019

GPA: 3.23 Dean's list

Bachelor's of Science in Mathematics

Concentration: Actuarial Science and Physics

Honors: Hintemeyer Leadership Scholarship

Relevant Coursework

Options and Derivatives Pricing, Capital Investment and Economic Analysis, Advanced Statistics, Finance, and Excel/Access

Relevant Projects/Skills

- Undergraduate Senior Thesis on **Heterotic String Theory** discussing relationship between Lie groups and String Theory.
- Mini CECL project **forecasting** the probability of defaulting on specific loans.
- R-project that shows how a mixed normal distribution fits on the S&P500 values the past 100 days.
- Experience using Python, R, and Latex for projects.

Work Experience

Autobell Car Wash (2014-Present)

Crew leader

- Examined past data from the day to predict how many workers are needed for the future.
- Used the past data to make sure labor percentage was below 32%
- Helped to manage other crew workers and delegate tasks for them.

Applebee's Neighborhood Bar & Grill (2018-2019)

Server

- Received **95%** rating from the customer reviews.
- Created a positive environment for the customers.
- Made sure the cash payments were handled in an accurate way

Leadership Experience

Captain of Cross Country/Track Team (2018-2019)

- Led 60 athletes during the season through practice and races.

Resident Assistant (2016-2018)

- Help to lead students on campus and keep the campus safe.