

Christopher Laan Gsell

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EDUCATION

UNIVERSITY OF NORTH CAROLINA (UNC) AT CHAPEL HILL

May 2019

Bachelor of Physics – Concentration: Quantitative Finance (Joint Program between the Kenan-Flagler Business School and the Department of Physics and Astronomy) | GPA 3.483

Relevant Coursework:

Physics: Numerical Techniques (Python), Electromagnetism and Relativity, Mechanics (Classical), Thermal Physics, Experimental Techniques (MATLAB, LaTeX)

Mathematics: Multivariable Calculus, Introduction to Probability, Differential Equations, Linear Algebra

Computer Science: Discrete Structures, Java II, Data Structures (Java), Computer Organization (C)

Business: Corporate Finance, Applied Derivatives, Fixed Income, Risk Management (Bloomberg)

Humanities: Literature of the Later Renaissance, Seminar in Philosophical and Moral Reasoning

UNC Dean's List 5 of 6 semesters | SAT: Math 770, Reading 720 | DELE Exam: B2

UNIVERSIDAD DE SEVILLA; EUSA CENTRO UNIVERSITARIO - Seville, Spain

Fall 2016 - Spring 2017

- Attended two universities, one private and one public, to experience school system differences
- Courses in economics, psychology, history, and a touch of bullfighting: bit.ly/dodgethebull

WORK EXPERIENCE

GRAHAM CAPITAL MANAGEMENT – Rowayton, CT

June - August 2018

Quantitative Research Analyst

- Programmed in Python (Pandas, Numpy) for a leading quantitative hedge fund
- Converted SEC filings of a competing fund into dataset that allowed fund management to compare sector exposures and track relative changes over 16 quarters. Final results were directed to firm president
- Using numerical optimization techniques, created 30-year benchmark indices in all four market sectors

ACTIVITIES AND LEADERSHIP EXPERIENCE

CAROLINA SQUASH – UNC Chapel Hill, NC

August 2015 - May 2019

President

- Raised \$717,000 in one month to build 8 new courts and to create an endowment. Additionally, raised \$20,000 for club operational expenses my senior year: 3x more than any previous year and 5x more than my freshman year
- Oversaw the promotion of the squash organization to University Club status and both the men's and women's teams to 501c3 organizations – the first time a UNC club has sought this classification
- Negotiated a budget granted by UNC Student Government of \$18,000, up from \$0 four years before
- Developed a women's squash interest organization and a women's team (the southernmost in the country)
- Recruited players and increased club membership 3x in 2 years
- Hosted and organized the first two collegiate hardball squash tournaments since 1991
- Guided the women's team to its first Nationals berth and the men's team to its fourth consecutive
- Worked with architecture firm and school leadership to design upcoming and long-term squash facilities

NATIONAL OUTDOOR LEADERSHIP SCHOOL (NOLS) – Yukon, Canada

July 2017

Designated Leader

- Achieved an A rating from all six instructors and voted 'Designated Leader' by NOLS peers
- Hiked and camped in Canadian backcountry for one month further developing leadership and survival skills
- Leveraged teamwork skills and environmental knowledge to navigate difficult terrain with 14 other students

Community: Taught English to Spanish elementary students; volunteered at the local Catholic church; organized and promoted service activities within squash club such as food and blood drives, free clinics & community tournaments

Technical Skills: Java, C, Python (Pandas, Numpy), MATLAB, LaTeX, Bash, Microsoft Office

Personal: Enjoys golf, tennis, running, reading the news, spending time with family; a proponent of cold brew coffee