

# COLIN WARD

[wardcj21@wfu.edu](mailto:wardcj21@wfu.edu) | 240.772.7308 | <https://www.linkedin.com/in/colinward/>

## EDUCATION

### Wake Forest University

Winston-Salem, NC

*Bachelor of Science in Computer Science; Minor in Mathematics; Minor in Entrepreneurship*

May 2025

**Cumulative GPA:** 3.58; **Major GPA:** 3.60; **Dean's List:** Fall 2021, Spring 2023, Fall 2023, Spring 2024, Fall 2024

**Relevant Coursework:** Data Structures and Algorithms, Algorithm Design and Analysis, Programming Languages, Computer Systems One and Two, Software Engineering, Machine Learning, Mobile and Pervasive Computing, Calculus One and Two, Linear Algebra One and Two, Discrete Mathematics, Codes and Cryptography, Evidence-Based Entrepreneurship

### Wake Forest University School of Business, Summer Management Program

Winston-Salem, NC, Summer 2023

Completed five-week intensive training in business disciplines including: Accounting, Finance, Marketing, Information Systems, Business Law, Operations, Entrepreneurship, and Strategic Management

## COMPUTER SKILLS/PLATFORMS

Proficient with Linux; Git; Microsoft Excel, Power BI, PowerPoint, Word; Google Drive; Social Media (Instagram, LinkedIn)

Experience with implementing Python, SQL, Java, C, HTML, CSS, Javascript, C# and Racket languages

Experience using VSCode, MS SQL Server, Databricks, Snowflake, JetBrains IDEs, Jupyter, and Android Studio

Experience working in the SDLC with Jira and Azure DevOps; Machine Learning experience with Scikit-learn and PyTorch

View my Personal Portfolio and projects: <https://colinward77.github.io/>

## PROFESSIONAL EXPERIENCE

### Reynolds American Inc., Digital Business Solutions Intern

Winston-Salem, NC, Summer 2024

- Developed a comprehensive equipment data model to transition Operations reporting from a fixed system to a dynamic ad hoc reporting environment, leveraging tools such as Databricks SQL, Snowflake, and MicroStrategy to optimize data querying, aggregation, and visualization, significantly enhancing data accessibility and decision-making capabilities
- Collaborated with cross-functional teams, including ETL developers, DBS Mexico Tech Hub, and plant performance/quality stakeholders at the Tobaccoville MFG plant to optimize model for specific business requirements and performance KPIs
- Produced and delivered a high-impact presentation to 100+ colleagues, including senior leaders and fellow interns, highlighting the project's strategic value and business implications. Provided detailed project documentation for future use

### Easton Utilities, IT Intern

Easton, MD, Summer 2023

- Developed and implemented a customer analysis snapshot within customer portal; a tool to reduce issue resolution time and enhance efficiency for the Customer Service team by providing concise and useful information on any searched customer
- Created and delivered a 15-minute presentation to showcase strategic benefits of Customer Analysis to 15+ leaders
- Successfully transitioned into full-stack development by rapidly acquiring proficiency in SQL, JavaScript, HTML, and C#

### McKinsey & Co. Case Competition, Leader of Winning Team

Winston-Salem, NC, June 2023

- Competed in business school case competition analyzing contemporary business challenges using data-driven recommendations and applied business knowledge
- Led the decision-making of a team of four to develop marketing solutions to increase the effectiveness of brand placement
- Developed competition-winning empirical and analytical data and presented findings and solutions to 50+ competition participants and 20+ McKinsey employees and Wake Forest professors

### Tred Avon Yacht Club, Sailing Coach

Oxford, MD, Summers 2021 and 2022

- Taught 100+ students of various ages and experience levels, increasing confidence and sailing ability by creating daily lesson plans of chalk talks and land/on-water drills strategically customized to target sailors' most significant weaknesses
- Coached racing team at various large regattas and developed tactics based on weather conditions, analyzed team member's on-water performance, and provided feedback to improve outcome of following races, leading to top 3 Laser racing wins

## LEADERSHIP EXPERIENCE AND CAMPUS ACTIVITIES

### Chi Psi Fraternity, Wake Forest University, Head Committee Chair (Fall 2022)

Winston-Salem, NC, Spring 2022-Present

- Managed the planning and execution of weekly events, including formal and themed gatherings, ensuring alignment with strategic goals and on-budget operations for a \$30,000 semester budget
- Collaborated with external security teams, event venues, entertainment providers, and partner organizations to ensure seamless coordination, adherence to safety protocols, and high engagement across all events

### Men's Club Lacrosse, Wake Forest University, Member

Winston-Salem, NC, Fall 2021-Spring 2023

- Participated in weekly practices as well as competed in games and tournaments across the East Coast
- Demonstrated teamwork and communication skills while playing with a group of 40+ club lacrosse members