

Riley Warmuth

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EDUCATION

The University of North Carolina at Chapel Hill

Chapel Hill, NC

Computer Science, B.S. GPA: 3.4/4.0

May 2026

Relevant Courses: Computer Organization, Data Structures, Foundations of Programming, Calculus III

Honors/Awards: Deans List (Spring 2023), AEV Scholarship Recipient

TECHNICAL SKILLS

Programming Languages: Java, Python, C, R Studio, CSS

Visualization: Tableau

Tools: Git

Interests: Analytics, Software Engineering, Front-End, Back-End

PROJECTS

Jacked 110 | Hack 110 Project

November 2022

- Fully functional web application with a dynamic **Python-based** front-end
- Returned weekly workout routine based on user input goals and expectations
- Formatted front-end & presented to students and instructors

Dijkstra's Algorithm | COMP 211 Project

May 2023

- Implemented Dijkstra's algorithm in **Java** for a directed graph, building upon previously developed Graph code.
- Enhanced the Node class by implementing Edge and Distance functions which sorted Nodes based on Weight
- Utilized a Priority Queue and Comparator Function to streamline the Pathfinding process.
- Enhanced my understanding of the importance of Optimization and Innovation in software engineering

EXPERIENCE

Co-Founder, Senior Partner | Warmuth Capital LLC | Wilmington, DE

June 2023-Present

- Raised \$25K in equity financing from investors to spearhead initial operations
- Created bank and brokerage accounts to commence financial operations
- Constructed multi-year projections to form company valuation
- Designed an investor presentation illustrating company goals and member values
- Focused on Capital Management and Real Estate Investment

Hospitality | The Best Cellar | Boone, NC

November 2021 - Present

- Dedicated hospitality director with a strong focus on delivering exceptional customer service
- Responsible for managing the well-being of guests and curating an enjoyable experience for all patrons
- Demonstrated proficiency in managing parking operations to ensure the seamless flow of vehicles and enhance the overall client experience

LEADERSHIP EXPERIENCE

Vice President and Founding Member | Acacia Fraternity | UNC-Chapel Hill

October 2022 - Present

- Spearheaded pledge education initiatives, leading the educational development of new members
- Facilitated substantial growth, increasing fraternity size from 8 to 22 members within a year
- Active participant in executive meetings, contributing insights and collaborating on strategic planning
- Led the planning and execution of impactful philanthropy events for the fraternity

Eagle Scout | Order of The Arrow Honor Society | BSA Troop 100 | Boone, NC

May 2021