

# William Peyton

Charlotte, NC | [www.linkedin.com/in/wtpeyton](https://www.linkedin.com/in/wtpeyton) | 704-240-2824 | [Tristanpeyton776@gmail.com](mailto:Tristanpeyton776@gmail.com)

## EDUCATION

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**University of South Carolina:** School of Computing and Engineering *Graduation Year - May 2028 Columbia, SC*

- B.S.C.S - Major: Computer Science, Minor: Electrical Engineering - Algorithmic Design, Digital Logic Design
- B.S - Major Mathematics - Advanced Mathematics, Discrete Structures, Applied Linear Algebra

**Forestview High School:** North Carolina Public School System *Graduated 2025, Gastonia, NC*

- High School Diploma - 13 Advanced Placement Courses, Summa Cum Laude, Valedictorian
- AP Capstone Graduate - Professional Academy, Business Writing, Business Presentation, Academic Research
- Gaston County Research Honoree and Presenter - Granted Opportunity to Present Senior Thesis Research To Gaston County School Board and Mayor of Gastonia

**North Carolina Governor's School:** Gifted Residential Program *July 2024, Greensboro College, NC*

- Academic Concentration: Mathematics - Research Topic: Biocomputational Algorithms - Assisted Ph.D Holding Staff Members in Academic Research in Logistical, Scientific, and Conceptual Roles.
- Exposed to Graduate-Level Computer Science Research and Explored Different Industries for Potential Interest

## EXPERIENCE

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**Warlick YMCA:** Lifeguard/Swim Instructor *April 2021-Present, Gastonia, NC*

- Teaching Classes of 50+ Lifeguard Candidates, Managing Organization of Presentations, Resource Logistics, and Candidate Evaluations
- Managing Emergency Response/Prevention for Pools of 300+ Patrons, Managing Resources and Space Limitations Indoors and Outdoors, Communicating With Team/Patrons to Ensure Safety and Efficiency
- Developing Lessons, Examples, and Presentations to Educate Classes of 25+ Students (Ages 4-16), Working With Beginners to State and Regional Competitive Swimmers

**Bountiful Blessings:** Forestview Logistics Ambassador *April 2022-Present, Gastonia, NC*

- Working with Elementary Through High Schools to Connect 200+ Families-In-Need To the Organization. Communicating With Distributors and Local Grocery Stores to Acquire Consumables for Weekly Giving Events

**Upper Palmetto Rays:** Assistant to Head Coach *November 2023- August 2025, Fort Mill, SC*

- Managed Personal Development and Competition While Assisting Youth Group (Ages 8-12) Practices, Development, and Long-term Mental Preparation. Provided Opportunities to Develop Practices and Dryland Workouts for Youth Groups to Improve Personal Coaching Ability and Role Promotion.
- Assisted With Senior Group (Ages 15-18) Practices and Development, Handled Logistics for Scheduling, Team Communication, and Senior Group Equipment for Multi-Location Programs. Worked with National Level Swimmers to Attract Potential D1 Recruitment Offers.

**Forestview Student Body:** Vice President, Secretary, Treasurer *September 2021- May 2025, Forestview High School*

- Focused on Connecting Families to Welfare, Volunteer, and Child Care Services, to Improve Educational Stability for Students, Increased Need Due to Title One Economic Standard Of High School.
- Yearly Promotions Allowed for Increased Connections with School Staff and Community Organizations, Which Allowed the Creation of a Feed-Forestview Event That Brought Food To Malnourished Students.

## SKILLS

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**Programming:** Python (Self-Taught, Intermediate Level), Java (Intermediate Level), HTML (Novice Level), CSS (Novice Level), JavaScript(Novice), C++ (Novice Level)

**Technical:** Microsoft Office, GitHub, Microsoft Azure (Introductory)