

Local Address

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William M. Boyles

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Permanent Address

5471 Brookberry Farm Rd.
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EDUCATION**North Carolina State University — Raleigh, NC****August 2018 - Present**

- B.S. in Computer Science (expected May 2022)
- Cumulative GPA: 4.2 Major GPA: 4.2
- University Honors Program & Dean's List

Forsyth Country Day School — Lewisville, NC**August 2005 - May 2018**

- Honors and AP courses with STEM focus
- GPA: 4.4 (Weighted 4.0 scale)
- Cum Laude Society, National Honor Society, Mu Alpha Theta

WORK EXPERIENCE**Engineering Camp Counselor — Forsyth Country Day School, Lewisville, NC****Summers 2016-2019**

- Independently designed and implemented four curriculums with STEM activities for 4th-8th grade students
- Activities included hurricane house, egg drop, and marshmallow gun
- Assisted other teachers in STEM-related camps

Lifeguard — Pool Professionals, Greensboro, NC**Summers 2017-2019**

- Worked closely with coworkers to maintain a safe, clean, and friendly atmosphere for patrons of all ages and abilities
- Responsible for managing specialized chemicals and equipment
- Entrusted to perform opening/closing duties and site maintenance

SKILLS & CERTIFICATES**Programming Languages**

- **Java:** Completed CSC 216; taking CSC 316 using Eclipse. Focus on object-oriented design patterns, SDLC, collaboration, and JUnit testing. Working on linear algebra library and Rubik's Cube solver.
- **Python:** Self-studied. Built facial recognition and motion detection computer vision program that runs on any device with a webcam. Suited for applications in security.
- **HTML/CSS/Javascript:** Created simple, attractive, and interactive personal website from scratch.
- **C:** Taking CSC 230. Focus on syntax and semantics compared to Java, pointers and memory management.

CAD

- Created CAD models and drawings in SolidWorks for use in automotive and aerospace manufacturing.
- Led small team to design and 3D print functional fishing pole using Fusion 360.

Lifesaving

- Trained and certified by the American Red Cross in Lifeguarding, First Aid, CPR, and AED

HONORS & ACTIVITIES

- Forsyth Country Day School Garden Club — Vice President **2016 - 2018**
- Forsyth Country Day School Cross Country Team **2011 - 2018**
- More than 300 service hours during high school