

Benjamin Lewis

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Personal Profile

Passionate about programming, I have learned several languages, which I practice through doing projects and building websites. I am acutely aware when a process could be improved and am committed to finding a solution. I am interested in full stack development and machine learning.

Education

North Carolina State University, Raleigh, NC

May 2022

B.S. in Computer Science, Minor in Mathematics

GPA: 3.6/4.0

Relevant Coursework

Introducing to Computing - MatLab, Intro to Computing – Java, Intro to Computing Environments, Software Development Fundamentals

Work Experience

MatLab Teachers Assistant – NC State University, Raleigh, NC

Aug 2020-Present

- Taught Lab section to help students better understand material
- Held office hours for guiding students towards finding homework solutions
- Graded students' coursework

Maintenance - Colonial Baptist Church, Cary, NC

May 2021-Aug2021

- Worked on electrical systems
- Repaired various

Landscaper - Colonial Baptist Church, Cary, NC

May 2019-Aug 2020

- Performed outdoor tasks to maintain property
- Serviced equipment to operational requirements

Skills

Technical: Trained in SolidWorks; Comfortable with MatLab, Java, python, and PHP; Proficient with JavaScript, HTML, and CSS. Knows JQuery and React

Interpersonal: Focused on finishing tasks before deadlines; Able to articulate and convey confusing concepts; Ensures that given instructions are understood clearly.

Honors & Activities

Relevant Projects

- lewibs.com – Personal website showcasing my projects
- <https://github.com/lewibs> - source code for projects

NCSU FEDD project (First Year Engineering Design Day)

Fall 2019

- Practiced the engineering design process, including research, development, and testing

- Spearheaded the team's design and production, ultimately building the final device
- Earned 1st place in assigned project

FIRST Tech Challenge

2016-2018

- Nationwide competition for designing and programming robots
- Captained the team during Senior year
- Consistently qualified for States, with best finish being 2nd

Science Olympiad

2016-2018

- Competed in several disciplines with partner, like Hovercraft, Thermodynamics, Code Busters
- Dedicated 12.5 hours per week designing and testing hovercraft along with preparing for exam
- Placed 2nd and 3rd at the State competition in consecutive years