

JERRY WORTHY

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EDUCATION

Duke University

BSE in Electrical and Computer Engineering | BSE in Computer Science

GPA: 3.97/4.00

August 2020 – May 2024

Durham, NC

Academic Honors:

- Dean's List, Fall 2021
- Dean's List w/ Honors, Spring 2022

Relevant Coursework:

Computer Architecture, Data Structures and Algorithms, Software Design & Implementation, Fundamentals of Electrical & Computer Engineering, Elements of Machine Learning, Introduction to Signals & Systems, Microelectronic Devices & Circuits, Computational Methods in Engineering

Grovetown High School

GPA: 4.00/4.00

August 2016 – May 2020

Grovetown, GA

- SAT Composite: 1560
- Class Rank: 2/433

WORK EXPERIENCE

Savannah River Nuclear Site

Software Engineer

Summer 2022- Current

Jackson, SC & Durham, NC

- Developed web-based applications for internal company use.
- Worked as a full stack developer, using React.js for the frontend and a .NET framework with a SQL database management tool for the backend.
- Participated regularly in meetings with both a development team and clients to discuss specifications of application design and to demo the product.
- Promoted to apprentice after working as a summer intern.

Williamson Lab

Research Assistant

Fall 2021- Spring 2022

Durham, NC

- Created and organized databases for brain, tissue, and blood samples utilizing spreadsheets, python scripts, and HTML-based organizational tools.
- Assisted lab personnel in human brain dissections by setting up the procedure area, photographing samples, and recording key information.
- Managed the day-to-day lab upkeep by cleaning, labeling, stocking supplies, and disposing of hazardous waste.

Duke University

Teaching Assistant

Spring 2021

Durham, NC

- Worked as a teaching assistant for Laboratory Calculus and Functions I.
- Responsible for assisting instructor during lab and helping students complete work.
- Tutored students in a weekly help room and met regularly with the instructor to discuss student progress.

Kroger

Courtesy Clerk

Fall 2019 – Spring 2020

Grovetown, GA

- Responsible for assisting customers while in the store.
- Responsible for the cleaning and upkeep of the front end of the store.

EXTRACURRICULAR INVOLVEMENT

Duke Drone Club

Member

Fall 2021 – Current

- The club meets weekly to discuss the design and assembly of drones.
- Regular fly days occur to test and fly the drones.

Science National Honor Society

President

Fall 2019 – Spring 2020

- Oversaw club operations for over 15 members.
- Managed peer-tutoring for students a part of an after-school remedial program.
- Coordinated service projects and school events.

SKILLS & INTERESTS

- **Skills:** React, JavaScript, .NET Framework, REST API, Java, C, C#, HTML, CSS, Python, MATLAB, Arduino, MIPS, Logisim, Microsoft Office
- **Interests:** guitar, The Beatles, science-fiction, hiking, podcasts