

# Neal Langhorne

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## EDUCATION

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### University Of Virginia

Aug. 2021 - Present

*B.A. in Computer Science*

*Charlottesville, VA*

- Minor in leadership through the McIntire school of Commerce.
- Expected graduation: May 2025. GPA: 3.774 (unweighted).

## WORK EXPERIENCE

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### Athena's Bump

June 2024 – Present

*Computer Programming Intern*

*Charlottesville, VA*

- Created a mobile application from scratch using Dart, Flutter, and Firebase.

### University of Virginia

Feb. 2023 – Present

*Teaching Assistant & Lab Lead - CS 1110*

*Charlottesville, VA*

- Holds weekly office hours to tutor and guide students.
- Leads a weekly lab section to 60+ students and other teaching assistants.

### Valor Biomechanics

Jan. 2024 – May 2024

*Web Development Intern*

*Charlottesville, VA*

- Helped design company website using Webflow, HTML, and CSS.

### Fairfax Collegiate

Jun. 2023 - Aug. 2023

*Computer Science Instructor*

*Fairfax, VA*

- Head instructor for courses in Python and Java.

## PROJECTS

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### Portfolio | *JavaScript, HTML, CSS*

Jun. 2024 – Jul. 2024

- Created my own personal portfolio showcasing my work and personal projects.

### Squardle | *JavaScript, HTML, CSS*

Jul. 2024 – Jul. 2024

- Created a Wordle-like game using the official Wordle list of words

### NBA Player Analysis | *Python, Django, HTML, CSS*

Jun. 2024 – Jul. 2024

- Created a web application to compare NBA players with graphing and stat comparison

### Parking Buster | *Python, Django, HTML, CSS*

Feb. 2024 – May 2024

- Created a web application to report bad parking with Google Authentication, PostgreSQL database, Amazon S3 file storage, 4 different user accounts, and GitHub Actions CI

## TECHNICAL SKILLS

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**Languages & Frameworks:** Python, JavaScript, Django, React, Java, HTML, CSS, SQL, C, Git

## AWARDS, CLUBS, & SKILLS

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**Awards:** Dean's List recipient (3x), Boys State Acceptee (canceled due to COVID-19), National Honor Society, National English Honor Society, National History Honor Society, National Latin Honor Society.

**Clubs:** Association for Computing Machinery, Multi Racial Student Coalition, Indian Student Association

**Skills:** Team Leadership, Collaboration, Adaptability, Intrinsic Motivation, Problem Solving, Personability