

# Nicole Arwood

linkedin.com/in/nicole-arwood | github.com/narwood

## EDUCATION

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**The University of North Carolina at Chapel Hill | Chapel Hill, NC**

**May 2025**

**B.S. in Computer Science | GPA: 3.8/4.0 | Dean's list:** all semesters

**Relevant Courses:** Web Development, 2D Graphics, Foundations of Software Engineering, Quantum Computing, Interactive Graphics, Beyond OOP: Programming in the 21st Century

## TECHNICAL SKILLS

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**Programming Languages:** Java, Python, C, C++, JavaScript, TypeScript, Go, Erlang

**Tools:** HTML, CSS, Git, Node.js, Vue.js, Angular, Django, SQL, SQLAlchemy, FastAPI, GCP, Docker, Jest

**Certifications:** IBM Full Stack Software Developer Professional Certificate

**July 2023**

## PROFESSIONAL EXPERIENCE

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**Software Engineering Intern | Pendo**

**June-August 2024**

- Built a full stack web UI to surface **GCP** cloud data to customers using **Go, Javascript, and Vue.js**
- Utilized **Cypress** and **Github Actions** as part of the **CI/CD** pipeline
- Collaborated on both backend and frontend work as part of an **Agile** scrum team

**Teaching Assistant | Discrete Structures | UNC-Chapel Hill**

**August 2022-May 2024**

- Led office hours for 30+ students weekly, explaining difficult concepts
- Collaborated with coworkers to create fair standards for grading that were indicative of understanding
- Synthesized 200+ student feedback forms on the course into a comprehensive report

## PROJECTS

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**User Achievements System**

**August-December 2024**

- Worked on a team of 4 to add a user achievements system to an internal CS website at UNC
- Developed and tested in a **Docker** container using **Angular, FastAPI, SQLAlchemy, and Jest**
- Deployed our team's container to a **Kubernetes**-powered OKD platform
- Designed wireframes in Figma, wrote user stories, managed a project board, and wrote documentation

**NYT Sentiment Analysis**

**February 2024**

- Used the New York Times API and an NLP library to analyze headline sentiments for a given date range
- Created a UI that displayed a graph of the news sentiment over time

**Tetrashell**

**November 2022**

- Developed a shell-like program in **C** for modifying Tetris quicksaves and user rankings, executed within the **Bash** shell on a **Linux** environment

## VOLUNTEER EXPERIENCE

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**Teaching Assistant | Girls Who Code | UNC-Chapel Hill**

**January-April 2023**

- Assisted a class of elementary-aged students with programming projects in Python
- Explained basic topics such as variables, functions, and loops in an age-appropriate context