

## Hersie Gonzalez

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### EDUCATION

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#### University Of North Carolina - Charlotte

*Bachelor of Science in Computer Science*

- **GPA: 4.0/4.0** | Chancellor's list

*May, 2026*

*Charlotte, NC*

#### Wake Technical Community College

*Associates in Science*

- **GPA: 3.6/4.0**

*May, 2024*

*Raleigh, NC*

### TECHNICAL SKILLS

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- **Languages:** Python, Java, HTML, CSS, JavaScript, C++, C, SQL, Swift
- **Frameworks & Libraries:** [Next.js](#), Express, React, Node.js
- **Tools:** Git, Github, [Node.js](#), PostgreSQL, Prisma, MySQL, Xcode

### PROJECTS

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#### Portfolio Project, Personal Project (2023)

- Implementing component based objects to efficiently display my projects and information.
- Developed modular components that can be expanded in the future.
- Integrated custom hooks for state management and dynamic content rendering.

#### Sandwich Maker API, School Project (2025)

- Built a RESTful API using FastAPI and Uvicorn in Python, implementing full CRUD operations for sandwich and customer management endpoints.
- Leveraged FastAPI's automatic OpenAPI documentation for streamlined API testing and endpoint exploration.
- Structured the backend with modular routing and schema validation using Pydantic models to ensure clean data handling.

#### Todo list web-app, Personal Project (2025)

- Implemented OAuth authentication with Google providers using NextAuth.js for secure session management.
- Designed relational databases with Prisma to manage tasks, groups, and shared access.
- Implemented collaborative task-sharing features with [Next.js](#) API routes and WebSockets.

### WORK EXPERIENCE

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#### Tutor

*Burke Learning Center*

**Jan, 2026 - Current**

*Charlotte, NC*

- Led and managed a personal roster of students by assessing learning needs, setting academic goals, and creating structured plans to improve math performance
- Mentored students through complex math concepts by providing clear guidance, building confidence, and encouraging independent problem-solving skills
- Took ownership of student progress by tracking results, adjusting teaching strategies, and communication expectations to ensure consistent growth

#### Hackathon

*UNC Charlotte*

**October, 2025 - October, 2025**

*Charlotte, NC*

- Engineered a full-stack MERN platform during a competitive hackathon to support CS-student networking, job discovery pipelines, and integrated LeetCode-style practice modules
- Architected secure authentication stack leveraging JWT, bcrypt password salting/hashing, protected API routes in Node.js/Express, and optimized MongoDB schema design for scalable user + problem-set storage
- Implemented modular React/Next.js front-end components with server-side rendering, dynamic routing, and session state management; coordinated CI-driven development workflow with Git/GitHub and conducted rapid iteration under time constraints

#### Assistant Electrician

*Bunny Electric*

**May, 2024 - August 2024**

*Fuquay-Varina, NC*

- Maintained and installed electrical systems, including smart home devices and automated control panels
- Utilized digital meters, and diagnostic software tools to identify faults in the electrical system
- Collaborated with senior electricians to install electrical systems