

Camila Nunez

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EDUCATION

University of Virginia
B.A. Computer Science GPA 3.6

August 2023 - May 2025
Charlottesville, VA

Northern Virginia Community College
A.S. Computer Science GPA 3.77 Magna Cum Laude

August 2021 - May 2023
Annandale, VA

RELEVANT COURSEWORK

Computer Organization I and II, Human Computing Interaction for Software Development, Data Structures and Algorithms I and II, Object-Oriented Programming, Software Development Essentials, Cloud Computing

WORK EXPERIENCE

National Science Foundation REU: University of North Texas
Undergraduate Research Intern

May 2023 - July 2023
Denton, TX

- Acquired most current technological skills by conducting research in Artificial Intelligence and Machine Learning.
- Collaborated with faculty researchers as an undergraduate student and rapidly dived into ongoing research projects.
- Directed team organizing efforts by identifying work streams for team members and presented research findings.

Cyberteck Academy
Coding Instructor Intern

February 2023 - April 2023
Fairfax, VA

- Taught coding essentials to classes of 10-15 students demonstrating communication and presentation skills.
- Mastered coding concepts to adapt teaching methods that adhered to the diverse learning needs of each student.
- Executed structured lessons successfully managing students to implement weekly coding projects in Java.

PERSONAL PROJECTS

Machine Learning for Depth Thermography:
Ongoing research at the University of North Texas

May 2023 - Present
[GitHub Repository](#)

- Created a neural network in Pytorch that predicts volumetric temperature based on thermal spectrum data to apply to materials found in multilayer semiconductor devices
- Designed and tested 3 neural networks through hyperparameter tuning to find the most efficient and accurate model
- Reduced original error value of 13.5 Kelvin from physics equation to 3.5 Kelvin through machine learning application

CampusLink
CS 3205 Human Computer Interaction for Software Development

August 2023 - December 2023
[Prototype](#)

- Designed a mobile app satisfying the components of the UX lifecycle, Analysis, Design, Prototyping, and Evaluation.
- Led design phase through contextual analysis of 10 participants, persona design, and various storyboards and wireframes.
- Presented highlights of each phase, alongside final prototype.

LEADERSHIP AND ACTIVITIES

Runway At UVA: Head Director of Models, University of Virginia
Cultural Organization for Latin Americans: Social Committee, University of Virginia

August 2023 - Present
August 2023 - Present

SKILLS

Technology: Java | Python | C | Git | GitHub | Machine Learning | PyTorch | Software Testing | SQL | HTML | CSS
Languages: Fluent in English and Spanish