Andrés Menjívar, Jr.

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Education

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, CLASS OF 2022
- Major: B.S. Computer Science
- Minor: Neuroscience
- Dean's List: Fall 2021
- Current GPA: 3.237
- Relevant coursework below

HUGH M CUMMINGS HIGH SCHOOL, CLASS OF 2018
- GPA: 5.0313 (weighted)
- Academic Honors: Valedictorian, Superintendent Award of Excellence
- Coursework includes 6 dual enrollment credit hours from Alamance Community College and 12 Advanced Placement credit hours

Experience

CODING LANGUAGES AND COMPUTER APPLICATIONS:
- Proficient in: Java, JavaScript, HTML, CSS, SQLite, Typescript, C, Python, Game Maker Language
- Familiar with: MongoDB, MIPS Assembly, Windows PowerShell, Git Bash, MATLAB
- Previous projects include: KMP's Spicy 9 Adventure (https://kmps-spicy-9-adventure.herokuapp.com/), a multiplayer packman-like game
  - Runs on custom JavaScript, HTML, a combination of custom CSS and Bulma Style sheets, and JQuery libraries such as socket.io
  - Use of VS Code Live-Share and GitHub
  - Focused on game design, front-end development, and database management
- Custom 2048: custom JavaScript, JQuery, HTML, and CSS (https://udstudios.org/menjivar/2048/)
- ELEMENT Demo: A custom-made 2D platformer game using Game Maker Studio 2 for Global Game Jam 2020
  - Head Developer (Game Maker Language) (https://udstudios.org/menjivar/Element/ElementDemoVer3/index.html)

CUSTOMER SERVICE AND COMMUNICATION
- For sales positions in both Morehead Planetarium and Science Center and Polo Ralph Lauren:
  - Communicated and assisted various customer needs, including complaints, general sales and pricing, transactions as well as communicated effectively with other team members to maintain a positive and well-coordinated work environment
- For Learning Assistant positions in Computer Organization and Security Concepts: assisted students in resolving code, submission process, conceptual understanding of advanced topics, as well as created lab assignments.

Work History & Activities
- Sales Associate | Polo Ralph Lauren | June 2017-July 2021
- Cashier | Morehead Planetarium and Science Center | August 2018-March 2020
- Learning Assistant | UNC Computer Science Department | August 2021-May 2022
- Hack NC, 2019
- Quantum Hackathon, 2020
- Global Game Jam, 2020

Interests and Hobbies
- Prior to university life, I was heavily focused in student government and had hobbies such as playing cello, digital art design, and mobile photography. These hobbies remain today and are presented throughout some of my work (such my personal site https://udstudio.org/menjivar). The site aforementioned has grown from an individual project, to an accumulation of work from me and my colleagues. Being the organizer and head developer has been an exciting experience, giving new sense of responsibility and teamwork.

Volunteer Work
- Carousel Festival • Pancake Day • Toys for Tots: Coordinated or involving the Kiwanis Club. Kitchen volunteer and package handler
- FAFSA Night • Junior Night: Assisted first time FAFSA applicants

Major and Additional Course Work for CS (BS):
- Foundations of Programming • Data Structures • Computer Organization • Modern Web Programming • Security Concepts • Files and Databases • Models of Languages and Computation • Algorithms and Analysis • Operating systems • Introduction to Security • Peer Teaching in Computer Science • Calculus of Functions of One Variable I • Calculus of Functions of One Variable II • Multi Variable Calculus I • Discrete Mathematics • Mechanics and Relativity • General Descriptive Chemistry I • Quantitative Chemistry Laboratory I • Linear Algebra for Application • Introduction to Probability

Certifications & Skills
- Proficient in English and Spanish
- MATLAB certifications: Onramp

REFERENCES AVAILABLE UPON REQUEST