414-722-1240
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Meelad Doroodchi

5856 Glassport Ln
Charlotte, NC 28210

OBJECTIVE

Looking for unique full-time job opportunity to build on my current programming skills while understanding the integral process of computing related tasks inside organizations.

EDUCATION

B.S. in Computer Science with a Concentration in Data Science (Senior), Graduation December 2024 and **M.S. in Computer Science, Graduation December 2025** , *University of North Carolina - Charlotte*, **GPA: 3.9** , Charlotte, NC

SKILLS

Tools and Languages	Python, SQL, C, Java 8+, Confluence, Jira, Git, LaTeX, Snap!, Scratch, HTML/CSS
Communication	English (native), Spanish (fluent)
Other	Graphics Editing, Designing, Data analysis

RECENT PROJECTS

Augmented Reality	Unity/C++	Study of Self-Avatar Appearance in Augmented Reality
Item Locator	Java 8+	Enhancing application filters to locate store items in specific Lowe's stores.
Data Migration	SQL	Migrating large CSV files to SQL-based databases.
Graphs	Python	Finding shortest path between two cities using Dijkstra's Algorithm.
Enigma Machine	Python	Enigma Machine Simulator.
Image Processing	Python	An Image Processing application capable of color equalizer, gray scaling, etc.

RECENT WORK EXPERIENCE

Data Mining Teaching Assistant   **January 2024 — December 2024**
University of North Carolina at Charlotte   *Charlotte, NC*

- Assist students in doing projects using data analyses techniques and enhancing their personal portfolios.

Research Assistant   **January 2024 — August 2024**
University of North Carolina at Charlotte   *Charlotte, NC*

- Funds to finish full stack development.

Quality Assurance Intern   **May 2024 — August 2024**
Lumen Technologies   *Remote internship*

As an IT Quality Assurance intern with Lumen's Product and Technology organization, I worked with a team of developers who supported multiple quoting applications. My tasks included:

- Testing User Stories for some of our quoting systems
- Documenting test completion
- Reporting any bugs found
- Tracking those bugs until resolved
- Participating in all Scrum ceremonies (daily, refinement, planning, retrospective)

Software Engineering Teaching Assistant   **August 2023 — December 2023**
University of North Carolina at Charlotte   *Charlotte, NC*

- Assisted students in doing projects using GitHub and developing full-stack applications

Software Engineering Intern   **May 2023 — August 2023**
Lowe's Tech Hub   *Charlotte, NC*

As a soul intern in a team of professional developers experienced development cycles.

- Participated in the design, development, test, and evaluation of the backbone software and systems.
- Active team member of application development team to allow finding all specific store projects in warehouses.
- Day-to-day duties of code review and propose enhancements.

Resident Advisor(RA)   **August 2022 — May 2023**
Resident Life and Housing- Willamette University   *Salem, OR*

- Development of activities and educational opportunities for residents as well as sense of community and group responsibility.
- Perform administrative duties, such as on-duty coverage, maintenance requests, and etc.

Summer Undergraduate Research Experience   **May 2022 — July 2022**

Research Experience for Undergraduates (NSF-REU) - University of Central Florida   *Orlando, FL*

Under supervision of professor and grad students conducted research in Augmented and Virtual Reality.

- Published Paper: Effects of Optical See-Through Displays on Self-Avatar Appearance in Augmented Reality, 2022
  Proceedings of the International Symposium on Mixed and Augmented Reality (ISMAR)

Office Assistant   **January 2022 — December 2022**

Office of Religious and Spiritual Life - Willamette University   *Salem, OR*

Helped the chaplain with marketing events and funding of her financial budget for the next four years.

- Organizing Events, Budget in Excel, and Creating marketing events in Canva.

AP CS Principles Teaching Assistant   **Summer 2019**

UNC Charlotte   *Charlotte, NC*

Helped with the professional development teacher's workshop on Computer Science Principles.

Math/Reading Tutor   **April 2019 — January 2020**

Kumon   *Huntersville, NC*

Tutored younger children in Math and Reading, helped grade the homework assignments, and helped the students learn.

- Worked directly with younger kids with their Math and Reading.
- Grading and directing on Math and Reading assignments.

PUBLICATIONS

- ***Effects of Optical See-Through Displays on Self-Avatar Appearance in Augmented Reality***, IEEE, 2022
  Authors: Meelad Doroodchi, Priscilla Ramos, Austin Erickson, Hiroshi Furuya, Juanita Benjamin, Gerd Bruder, Gregory F. Welch
  Link to Publication

ACHIEVEMENTS

Assistant Coach UNCC Men's Club Basketball , (2024-2025) Willamette Men's Basketball Player , (2020-2023) Sigma Chi Fraternity Vice President , (2022-2023) IFC Recruitment Chair , (2021-2023) , SAAC Committee , (2021-2023) Sweetheart Chair in Sigma Chi Fraternity , (2021-22) , All-Academic Team , (2019-20) Mu Alpha Theta , (2018-2020), A/B Honor Roll , (2017-2020), Varsity Basketball HS Captain , (2017-20),