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Meelad Doroodchi

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Charlotte, NC 28210

OBJECTIVE

Looking for unique internship 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 Summer 2024,
University of North Carolina - Charlotte, Charlotte, NC

SKILLS

Tools and Languages	Python, SQL, C, Java 8+, Confluence, Jira, Git, L ^A T _E X, Snap!, Scratch, HTML/CSS
Communication	English (native), Spanish (fluent)
Other	Graphics Editing, Designing

RECENT PROJECTS

Augmented Reality	Unity/C++	Study of Self-Avatar Appearance in Augmented Reality
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

Software Engineering Teaching Assistant <i>University of North Carolina at Charlotte</i>	August 2023 — Present <i>Charlotte, NC</i>
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- Assisted students in doing projects using GitHub and developing full-stack applications

Software Engineering Intern <i>Lowe's Tech Hub</i>	May 2023 — August 2023 <i>Charlotte, NC</i>
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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) <i>Resident Life and Housing- Willamette University</i>	August 2022 — May 2023 <i>Salem, OR</i>
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- 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 <i>Research Experience for Undergraduates (NSF-REU) - University of Central Florida</i>	May 2022 — July 2022 <i>Orlando, FL</i>
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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 <i>Office of Religious and Spiritual Life - Willamette University</i>	January 2022 — December 2022 <i>Salem, OR</i>
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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 <i>UNC Charlotte</i>	Summer 2019 <i>Charlotte, NC</i>
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Helped with the professional development teacher's workshop on Computer Science Principles.

Math/Reading Tutor <i>Kumon</i>	April 2019 — January 2020 <i>Huntersville, NC</i>
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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.

ACHIEVEMENTS

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),