

Sheida Rashidi Ardestani

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EDUCATION

Macalester College, St. Paul, MN

December 2023 (Expected)

Bachelor of Arts in Computer Science and Psychology

GPA: 3.5

Relevant coursework: Software Design & Development, Algorithm Design & Analysis, Data Structures, Human-Computer Interaction, Object-Oriented Programming, Discrete Mathematics, Mobile Application Development, Cyber Security, Internet of Things

Study Abroad: Bradford University, Bradford, United Kingdom

Honors: Davis United World College Scholarship and Kofi Annan Scholarship Recipient, Macalester Summer Internship Grant Recipient

SKILLS

Programming: Java, Python, Swift, JavaScript, React, HTML, CSS, C, Android Studio, Xcode, LaTeX, R-Studio

Computers: WordPress, Figma, Adobe Creative Cloud applications, Microsoft Office Programs

Languages: Fluent in English and Persian; Beginner in Spanish

RELATED EXPERIENCES

Google Student Developer Club Leader, Macalester College, MN

July 2022 - Present

- Selected as GDSC Lead by Google for Macalester College campus.
- Conducts technical workshops or events related to Computer Science and technology to empower the community.
- Identifies local partners for leading project building activities and assist students in a peer-to-peer learning environment.

Software Developer and UX Designer, GogyUp Inc. MN

June 2022 - August 2022

- Developed a prototype Progressive Web Application of the GogyUp Reader app.
- Updated and designed a new user interface for GogyUp Reader.
- Researched about user experience and software accessibility to make GogyUp reader more accessible and accommodating.

Teaching Assistant for Algorithm Design & Analysis and Python, Macalester College, MN

January 2022 - Present

- Conducts office hours and provides individualized assistance to students for their coursework and questions.
- Guides students with no prior coding experience in Python language.
- Assists the professor with grading students' homework and quizzes efficiently and accurately.

Digital Resources Center Lab Assistant, Macalester College, MN

August 2020 - Present

- Increasing skill in software and technologies such as Adobe programs, WordPress, 3D Printing, and other digital resources.
- Assists students with their digital projects, operating and borrowing the available tech equipment.

Social Media Manager, United World College Iran National Committee, Remote

December 2020 - Present

- Manages the official social media pages such as Instagram and Facebook, allowing for wider informational coverage to enhance the promotion of the UWC program.
- Assists in evaluating the applications, conducts private interviews, and group activities as a part of the candidate selection team to select the new generation of Iranian UWC students.

PROJECTS

Tetris Puzzle iOS Application (Swift, IOS)

- Developed a puzzle game with a team of three students. Designed the main User Interface and User experience of the application. The user is given a blank puzzle pattern which they need to solve by matching the suitable Tetris pieces.

Fantasy Safe (Java, Android)

- Developed a counter application with the idea of providing a fun and easy way to track resources in fantasy games. The app uses two fragments for displaying and controlling the counter value. SQLite database was implemented for saving and retrieving data.

Sudoku Solver (Python)

- Developed and designed a program in a team of two students that solves Sudoku puzzles by utilizing a backtracking algorithm. The script prints a board in a sorted 3 by 3 squares display for an easy and simple readability.

Smart Mailbox (Python)

- Designed and created an IoT system by utilizing a Raspberry Pi, which sends email notifications to the user when their mailbox has received new mail.

Online Portfolio (React, Next JS, JavaScript, HTML, CSS)

- Developed a website using React and React and Next JS. The UI was implemented using "Responsive Web Design" so that it is compatible with a wide variety of devices.

My Planner Application (Java)

- Created a Planner App in a team of two students. Designed the main User Interface and User experience of the application. The App allows the user to keep track of various tasks in selected orders such as due date, time, category, and user-set priority on a scale of 1-4

OTHER EMPLOYMENT AND INVOLVEMENT

Resident Assistant, Macalester College, MN

January 2022 - Present

- Oversees 33+ students within dormitory-style living space. Available 24/7 to help resolve conflicts.
- Executes administrative duties: budgeting, maintenance requests, incident reports, and room transfers.
- Manages disciplinary actions, supervision, and organizes social events to help foster relationships between dormitory residents.

Student Government Diversity and Inclusion Officer, Macalester College, MN

November 2021 - May 2022

- Lead, initiated, and worked closely with students and faculty to promote equity, diversity, and inclusion at Macalester College.
- Lead a committee of four students, to plan and arrange the Macalester Cultural Evening annual celebration for the student body.