

# ANDREW MARKARIAN

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## OBJECTIVE:

Highly driven computer science major seeking an internship where I can lend my knowledge and motivated leadership on software related projects to help your company continue to innovate

## EDUCATION:

**Syracuse University, College of Engineering and Computer Science**

**May 2025**

Major: B.S Computer Science

GPA 3.5

## COURSEWORK:

CIS 454: Software Implementation | CSE 384: Systems & Network Programing | CIS 321: Intro to Probabilities and Statistics, | CIS 341: Computer Organization & Programing Systems | CIS 375: Discrete Mathematics | CIS 351: Data Structures | CIS 473: Automata and Computability | CIS 453: Software Spec. and Design | CIS 477: Intro/Analysis of Algorithms

## SKILLS:

Languages: Java, Python, C, C++, C#, HTML / EJS , CSS, Javascript, Node.js + Express

Applications: Microsoft Visual Studio Code, PyCharm, jGrasp, Bash Terminal, Shell Scripting, Atlassian Jira, Visual Paradigm

## WORK EXPERIENCE:

**Game Developer, Syracuse University Libraries**

Syracuse, NY

**January 2023 - October 2023**

- Cooperated with three other developers / project members to design a VR escape room type game for information literacy
- Communicated and lead core discussions to brainstorm and construct the game
- Developed skills pertaining to game development, computer program language, and problem solving

**Fitness Floor Staff, YMCA of Greater Boston**

Boston, MA

**June 2023 - August 2023**

- Evaluated member's current fitness level, personal goals and skills in order to devise, personalized training programs for the member to follow and monitor the clients' progress
- Maintained gym equipment, explained programs / classes, and taught members how to use fitness equipment by providing basic fitness information

**Umpire Crew leader, Boston Parks & Recreation**

Boston, MA

**July 2021 - August 2022**

- Led team managers and coaches to maintain the safety of all players during play of game
- Communicated with peers in order to maintain standard of play
- Created a comfortable environment for 6 - 8 highschool / undergraduate students to develop communication skills and confidence through umpiring

**Assistant Coordinator (Intern), Chill Foundation**

Boston, MA

**February 2019 - April 2019**

- Coordinated snow sport programs for inner-city youth while developing participants life skills (i.e, Patience, Persistence, Responsibility, Etc)
- Reached out to local non - profit organizations in order to find participants for the program
- Taught life lessons and skills through experience of board sports

## PROJECTS:

**Front End & Middleware Developer**

Syracuse University

**January 2024 - May 2024**

- Constructed a dynamic marketplace website with 2 computer science undergraduate students using MySQL, Node.js, Express, and Embedded Javascript templates, facilitating seamless user interaction and data retrieval
- Integrated Embedded Javascript templates for dynamic content population, enhancing user experience and website interactivity
- Utilized Atlassian Jira Software, Model Based Engineering, and Visual Paradigm to design and implement website

## LEADERSHIP/ACTIVITIES:

**Orange After Dark, (Student Engagement) - Event Manager, Syracuse, NY**

**January 2023 - Present**

- Lead and helped organize the event presented for a smoother experience for both the organization and the students involved

**Castle Island Association, Annual Haunted Castle, South Boston, MA**

**October 2015 - October 2019**

- Volunteered annually for 4-5 years consecutively in order to set up displays and assigned various volunteers to positions across the event

**South Boston Chamber of Commerce, Annual Street Fair, South Boston, MA**

**September 2018 - September 2019**

- Cooperated and helped organize local small businesses', merchants', artist and organizations' stands to participate in the annual event