

# Harry McCardell

12 Pennington Ave, Mays Landing, NJ 08330  
(609) 513-3023  
hbm7826@rit.edu

## OBJECTIVE

- To obtain a Summer co-op within a computer-programming related field either working in Front or Back-end developments.

## EDUCATION

**Rochester Institute of Technology, Rochester, NY**  
Bachelor of Science, Game Design and Development

Expected Graduation: MAY 2021  
Cumulative GPA: 3.3

## SKILLS

- Experience using C#, C++, JavaScript, HTML5, CSS3, PHP
- Knowledge of Object Oriented Programming, Pointers, Data Structures, Web APIs, UI/UX
- Working with Gitlabs, Unity, Github, OpenGL, Windows .NET, Axure RP9, Photoshop

## PROJECTS

### **Hotel Hoth, Team Lead — C# Monogame**

Object-oriented programming. Class Inheritance, basic game logic, and finite state machines. Semester-long 4 member team project. Some of my best work to date.

### **Skate Spots, Solo Project — Web Application**

Web application using the Firebase and MapboxGL APIs. Displays skateboard parks and spots on the Mapbox map with data pulled from the Firebase realtime database. Programmed using HTML5, Javascript, and CSS3.

### **Midnight Money, Team Lead — C# Monogame**

Object-oriented programming and gameplay creation. Created player, player movement and animation. Semester-long 4 member team project.

## WORK EXPERIENCE

### **University Arenas, Rochester, NY — Event Promotion Assistant**

AUGUST 2017 - PRESENT

Working on a small team that handles all promotions during Division 1 hockey games at RIT. Effectively communicating to provide a successful, fun experience for all spectators. Encourage crowd participation and invite fans to do promotional skits or games to win pre-made prize packs.

### **New Student Orientation, Rochester, NY — Orientation Leader**

APRIL 2018 - PRESENT

Trained to give new students the best information and most comfortable transition into college. Guided 20+ new students through Orientation Week.

## EXTRACURRICULAR

### **Phi Sigma Kappa, Upsilon Tetarton Chapter - President**

APRIL 2018 - PRESENT

2019-20 An elected position, tasked with leading the Chapter in a positive direction and handling all business related to the Chapter. Completing service and philanthropic basic membership requirements also.

### **Momentum I & II, Rochester, NY — Member**

OCTOBER 2017 - DECEMBER 2018

Center for Leadership and Civic Engagement organization. Learned the importance of teamwork and team leadership. Hosted Giving Tuesday "Hunger Project" with Feeding Children Everywhere. Donated 20,000+ meals. Learned the Global Goals of Sustainability. Became aware of the effects of climate change and how sustainability can be applied in every way of life.

## AWARDS

**Isaac L. Jordan Sr. Endowed Scholarship** recognizes students with leadership, citizenship, high personal standards, academics, and good morals.