

# Jake Tantorski

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## **EDUCATION:** Marist College, Poughkeepsie, NY

Major: Computer Science, Concentration in Software Development

Minors: Information Technology and Information Systems

Expected Graduation: May 2021

Member of Computer Society and Midrise Residence Hall Council President

GPA: 3.408

## **RELATED COURSEWORK AND PROJECTS:**

### **Computer Science and Information Technology and Information Systems**

- Designed a text-based adventure game. Coded out of Python and entirely done from scratch with the working menu and map controls. Items were allowed to be picked up and moved around the inventory. Each area of the map was designated to an index using an array.
- Designed a Blackjack game using Python. It had the ability to see what cards the player had and what cards the dealer had. The background was designed to look like an authentic table with a deck of matching playing cards to go with it. Designed a basic AI for deciding when the dealer should hit.
- Designed a relational database for a college campus in SQL, using Microsoft Access, to keep track of various data including records of faculty, students, buildings, parking lots, meal plans and college offices
- Design a Pokemon battle simulation game. Coded in Java it contained three different adversaries with different skills in which the user must combat. It took into account health, attack and defense. The visuals were designed to look like the actual Pokemon games themselves.
- Experienced with UML modeling with Lucidchart
- Designed a hospital database using Java in order to assign patients to doctors and the ability for doctors to see medical records of the patients they will see.
- Developed a prototype using Invision and Figma where students in colleges and universities can buy and sell products through a college marketplace
- Designed a space maze game in HTML and JavaScript where users must escape the maze using the objects they find.

## **EXPERIENCE:**

### **Town of North Haven,**

North Haven, CT

May 2018 – August 2019 (Summer)

#### *Laborer*

- Learned hands-on skills with multiple power tools
- Maintained an inventory of supplies
- Developed problem-solving skills while in a construction zone
- High ability to follow written and oral instructions
- Strong basic mathematical skills
- Excellent grasp of safety guidelines for a variety of job contexts
- Good oral and written communication abilities

## **ADDITIONAL SKILLS:**

- Proficient in Microsoft Excel
- Novice GarageBand and iMovie skills
- Produced a podcast named “Caught Looking”