JOSEPH PERRINO

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EDUCATION

Carnegie Mellon University, Pittsburgh, PA   May 2021

    B.S. in Information Systems, minors in Game Design and Technical Writing

SKILLS

Software: SQL, C#, HTML, CSS, JavaScript, Python, Java, Ruby on Rails, Bootstrap

Tools: Eclipse, Git, Unity, Trello, Google Drive, Microsoft Word, iWork Suite

COURSE PROJECTS

Application Design and Development   Jan - May 2019

- Modeled relationships between entities in a small business web application
- Created website design, structure, and basic functionality using Ruby on Rails

Game Design, Prototyping, and Production   Jan - May 2019

- Led a team of five to build multiple games in Unity throughout the semester
- Organized weekly prototypes, oral presentations, and standups on game progress
- Programmed game functions and objects using C#

Database Design and Development   Aug - Dec 2018

- Performed complex SQL queries to simulate user behaviors
- Modeled user stories and small-scale functionality of Venmo

The Information Systems Milieux   Jan - May 2018

- Gained an understanding of design fundamentals and business-centric IS applications and strategies
- Performed SQL queries to make decisions about organizational objectives
- Designed a website prototype with a team of four using HTML and JavaScript
- Generated a case summary highlighting strengths, potential pitfalls, and avenues for growth using IS

Programming for Game Designers   Jan - May 2018

- Utilized JavaScript to add level design functionality to Google Sheets
- Created an adventure game with documents mapping scope and progression
- Modified the Java version of SimCity within its original codebase

WORK EXPERIENCE

TA, Various Courses, Pittsburgh, PA   Jan - May 2019

- Provided technical support for SQL, Unity, HTML, CSS, and JavaScript
- Answered student questions in class and online
- Conducted informative lab sessions and graded assignments

Tutor, CMU Global Communication Center, Pittsburgh, PA   Aug 2018 - Present

- Improved clients' writing in multiple mediums using learnable principles
- Communicated new concepts and worked with clients to reinforce ideas

Database Intern and Volunteer, Pittsburgh Symphony Orchestra, Pittsburgh, PA   2009 - Present

- Updated existing data on Pittsburgh Public Schools for the PSO's mailing list
- Engaged with patrons of diverse backgrounds and differing abilities
- Prepared concert props, sets and environment to welcome and interest patrons