Joseph Agnelli

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EDUCATION

Rochester Institute of Technology, Rochester NY   Expected May 2020
Double Bachelor's in Web & Mobile Computing
Double Bachelor's in Human Centered Computing
GPA: 3.79
Achievements: Dean's List all semesters

KNOWLEDGE AND SKILLS

Programming Languages: Java, HTML5, JavaScript, PHP, MySQL, CSS 3, XML, Python, C++
Operating Systems: Mac, Windows, Linux
Software: Adobe Illustrator, Adobe Photoshop, Sketch, GitHub

PROJECTS

ShootEmUp
    Worked with a team of 4 students to create a third person shooter game using Java. Multiple players connected to a multithreaded server and used keyboard and mouse controls to move and shoot. We had initially planned to make Chinese Checkers, but decided it would be more entertaining to work on a live game, rather than a turn based one.

YouNix
    Lead a team of 5 students to create a UNIX tutorial website. The site utilized bootstrap to make a responsive design. It also made use of PHP, JavaScript and MySQL to improve user experience. The team used GitHub to synchronize our code and maintain version control. We initially had a sixth group member, but he left unexpectedly shortly after development started.

Over The Moon
    Started developing a website to allow users to catalog and share their own bouldering problems at a local climbing gym. I worked on this project for a few weeks, designing the user interface and the database schema. I abandoned the project before I started coding it when I realized most climbers preferred to just use a notebook and a pen.

WORK EXPERIENCE

PatientKeeper, Waltham MA
Software Engineer Co-op   May 2018 - Present
- Native Android Development
- Work in an Agile environment
- Design and develop production-level solutions for software enhancements.
- Debug code developed by other engineers.

Rochester Institute of Technology, Rochester NY
Teaching Assistant (Java and Foundations of Mobile)   Spring 2017, Spring/Fall 2018
- Assisting the professor in instructing the students
- Providing additional support, tutoring students