Joseph Agnelli

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Portfolio: agnelli.xyz

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, Git, Android Studio, IntelliJ, Visual Studio Code

PROJECTS

FlyBy

      FlyBy is a hybrid mobile app with a bad name that I developed using Ionic. The app allows you to take a picture of a flyer and automatically add the event that the flyer is advertising to your calendar. This app uses both the Google Cloud Vision API and the Google Cloud Text Analysis API to parse text from an image, determine what that text represents, and add the event accordingly.

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.

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.

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