PHILIP DONLON

Contact me:
pdonlon57@gmail.com

Learn more:
philipdonlon.com

Achievements

- Represented USA in Pan American Games for badminton in Jamaica and Puerto Rico.

- Recipient of USA Badminton All-American Award.

- Silver and bronze medalist in Junior Nationals Badminton Championships in men's doubles under 19 and men's doubles under 22

Red Hat Project:
cockpit-project.org

Github Account:
github.com/pdonlon

Android Applications:
philipdonlon.com/android

Online 3D Monopoly:
philipdonlon.com/monopoly

Education

University of Massachusetts Amherst (Class of 2015)

Pursuing B.S in Computer Science with a concentration in Artificial Intelligence

Work Experience

Red Hat

Engineering headquarters - Westford, MA (summer 2014 - September 2014) Intern

User Interface Web developer contributing to the Cockpit project, a server manager that administers GNU/Linux servers via a web browser easily.

- Produced intuitive user interface for inexperienced users with an eye for detail
- Worked on a team of 5 with people across the globe (Germany, Finland, Sweden)
- Participated in daily meetings discussing usability, structure, goals, new ideas
- Gathered high grasp on developing software in an open source environment
- Kept Github commits/pull requests clear and organized to facilitate collaboration

Leadership

Amherst College Badminton Club

Amherst, MA (2012 - present) Head Badminton Coach

- Reinvented badminton club from a casual club without structure or leadership to an organized and respected badminton presence in the North East Collegiate region
- Responsible for running practices, organizing competitions against various colleges, traveling with club to regional tournaments, purchasing equipment
- Pushed club to promote competitiveness, leadership, community, and hard work

Group Programming

- Led team of 5 to produce an online 3D WebGL multiplayer monopoly game.
- Game uses custom graphics, a database to provide synchronization for players, accounts to play friends/spectate games, and runs entirely in the browser.
- Worked on of all game logic including piece movement, tile activation, property information lookup, purchasing/renting properties, houses/hotels, etc.

Independent Programming Projects

Javascript : Personal Website

- Uses JQuery to animate clickable icons which navigate to various pages
- Takes advantage of AJAX to load needed content dynamically
- Utilizes url hash loading to decipher which specific content to load
- Contains all other side projects and applications

Java and Android : Minesweeper and Minesweeper Mobile

- Uses separate threads for animations, saving, loading, and in game events
- Achieves fast and simple gameplay through custom images and a strategic GUI
- Incorporates zooming in/out feature, toggle for game modes, and statistics display
- Generates identical multiplayer opponent boards using seed generators