Joseph Peaden

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OBJECTIVE

Increase diversity of and improve upon my technical and teamwork skills in a challenging and meaningful internship/co-op position.

EDUCATION

University of Central Florida (2014 - Present), BS in Computer Science (in progress)
Brevard Community College (2011 - 2014), Associate of Arts (completed during high school)

SKILLS

Programming Languages
- *Significant experience*: C, Java, C#
- *Some experience*: Javascript, Python, HTML, CSS, Bootstrap
- *Little experience*: Pascal, Batch scripting, R, Haskell

Tools/Development Environments
- *Significant experience*: Unity, Linux Command Line
- *Some experience*: Github, Windows Command Line
- *Little experience*: Inno Setup, OpenCV, AWS, GCC

Theory/Analysis/Design
- *Significant experience*: Object Oriented Design
- *Some experience*: 3D math, basic data structures & algorithms
- *Little experience*: dynamic programming, functional programming, graph theory & algorithms

EXPERIENCE

Dignitas Technologies (February 2018 - Present)
Position: *Intern*
- Duties include testing software, writing bug reports, created an installer using Inno Setup.

Robotics Club (Fall 2016 - Present)
Position: *Programmer*
- Program Raspberry Pi in order for robot to autonomously track a ball & retrieve it using OpenCV and serial/servo controls.
- Object oriented design in order to keep code well-encapsulated and organized as well as to minimize learning curve for new team members.
- Help with manufacturing robot components & basic electrical skills (crimping, connectors, GPIO pins, etc.).
- Practice working in a team, writing well - documented code for optimal teamwork.

UCF Technology and Aging Lab (November 2017 - Present)
Position: *Programmer*
- Work with Amazon Echo in order to develop technology with which the psychology research team can conduct experiments.

Game Jams/Hackathons/Coding Competitions
- GDK Summer Game Jam (Summer 2017)
- Indie Galactic Space Jam (Fall 2017)
- Global Game Jam (Spring 2018)
- UCF Technology and Aging Lab
  - Worked with programming the Amazon Echo in order to assist psychology research team

PORTFOLIO

joepeaden.wordpress.com

*References available upon request