

Daniel Williamson

Computer Science Student

danielw27@ufl.edu
github.com/DanielW27
239-910-5858

EDUCATION

UNIVERSITY OF FLORIDA
B.S., Computer Science
June 2016 - December 2020
3.46/4.00 GPA

- ◆ Programming fundamentals 1/2
- ◆ Computer Programming for Engineers
- ◆ Discrete Structures and Applications
- ◆ Linear Algebra
- ◆ Data Structures and Algorithms
- ◆ Digital Logic and Computer Systems

SKILLS

Programming Skills

- | | |
|----------|------------|
| ◆ Java | ◆ VHDL |
| ◆ C++ | ◆ Assembly |
| ◆ Python | ◆ NodeJS |

Other Technical Skills

- | | |
|---------------|------------------------------------|
| ◆ Photoshop | ◆ Microsoft Office Suite Certified |
| ◆ Illustrator | ◆ MATLAB |
| ◆ InDesign | |

OBJECTIVE

I am a Junior on track for a degree in Computer Science and Digital Arts and Sciences seeking an internship for the summer in the field of software engineering or product management to leverage my technical and professional experience.

PROJECTS

GENERAL RELIEF IN PROSTHETICS UNIVERSITY OF FLORIDA 2016 - Current

- ◆ An arduino project that allowed someone with only one upper limb to properly play a guitar using the most common chords Am, G, C, and D.
- ◆ Lead a project that made a reusable design to allow anyone with only one upper limb to fish.

AKINATOR GUESSING MACHINE UNIVERSITY OF FLORIDA Spring 2018

- ◆ Used a database with a known list of attributes for top 100 superheros from Marvel and DC Universes to guess your superhero.
- ◆ Abstracted so that it can be used with any database.

PACMAN GHOST AI UNIVERSITY OF FLORIDA Fall 2017

- ◆ A java program that implemented a copy of the famous ghost chasing game.
- ◆ Designed the ghost's chasing mechanisms so that the computer scored as low as possible.

PEG GAME SOLUTION ENGINE UNIVERSITY OF FLORIDA Spring 2017

- ◆ A C++ program that takes in an image of the peg game and analyzes which pegs are left using image thresholding.
- ◆ Uses an algorithm and a breadth first search of a graph to output all winning solutions

INVOLVEMENT

Student Activities and Involvement UNIVERSITY OF FLORIDA Current

Student assistant at the department of Student Activities and Involvement to help students get involved on campus.

CAMPUS DIPLOMATS UNIVERSITY OF FLORIDA Current

Official ambassador for the Dean of Students office to provide support for all students on campus and to provide a voice for underrepresented communities.

PREVIEW STAFF UNIVERSITY OF FLORIDA Summer 2017

Served as an orientation leader and helped over 7,000 new students adjust to UF with advising on diversity and academics.