

Nikos Koufos

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Targeting a Software Engineering Internship or Entry-level Opportunity

Education

Penn State Behrend, Erie Pa – Major in Software Engineering, Minor in Computer Science and Computer Engineering, Graduation: May 2019

Academic Experience

Computer Science Courses: Discrete Mathematics, Operating Systems, C++, Java and Python

Software Engineering Courses: Software Engineering and design concepts

Computer Engineering Course: Assembly Language, Boolean Algebra, logic gates and circuitry

Programming skills

Java, C++/C, Python, SQL, Html/Css, Assembly, and JavaScript

Projects

AI project: Spring 2017
Implemented Dijkstra algorithm in conjunction with matrix to find quickest path between nodes in addition to finding the closest of the target nodes

Paint project: Fall 2016
Applied Inheritance to shapes to add individual specs
Gained experience using Arrays and Vectors to store information
Created custom GUI using polymorphism
Designed Save Open functions using Data streams and File I/O
Utilized Information and Implementation Hiding to apply encapsulation and visibility

Dance Dance Revolution Project: Spring 2017
Learned to program a basys 3 board using VHDL to implement multiplexers, encoders, decoders, lfsrs, adders, and dflip flops to make a game on a seven segment display.

Experiences

Adamant, Online programmer intern November 2017 – Current
Worked with team to apply Computer Science concepts to mobile apps

Amazon, Carlisle pa - Associate July 2016 - August 2016
Utilized communication skills in order to fulfill orders efficiently

MLK Outdoor Pool - Senior Lifeguard June 2013 - August 2013
Strengthened leadership skills with team of Junior Guards

Awards

AP Scholar Award (Achieved by obtaining 3 or higher on 3 or more AP exams)

Most Valuable Freshman Athlete (highest points earned for high school)