Jacob Bendele

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EDUCATION

Bachelor of Science Degree | Computer Engineering　　　　　　　　　　　2018 - 2020
University of Central Florida GPA: 3.93

Associates of Arts Degree | Computer Engineering　　　　　　　　　　　2014 - 2017
Indian River State College GPA: 3.70

EXPERIENCE

Computer Sales Associate　　　　　　　　　　　2017 - 2018
Best Buy, Jensen Beach, Florida

- Provided individualized support for clients with computer related questions, as well as recommendations for clients looking to purchase a new computer. These recommendations were based upon knowledge of computer hardware, software, and its use cases. Used POS terminals for sales, and inventory lookup and manipulation.

Competitor　　　　　　　　　　　2015 - 2017
UCF Programming Competitions, Orlando, Florida

- Programming competitions that consisted of receiving a packet of problems that a team of 3 people would then program a solution to. While finding potential solutions to the given problems our team also worked against time and other teams.

SKILLS

Hardware:　　　Embedded Programming (MSP430), Circuit Analysis w/ Lab Equipment, Combinational and Sequential Logic Analysis & Design, Computer Architecture (w/ MIPS)

Software:　　　Linux and Windows Based Server Configuration, Relational Database Design w/ SQL, Troubleshooting Computer Systems and Networks

Programming:　　C, Java, JavaScript, HTML, CSS, Python, TensorFlow, Keras, Git

PROJECTS

Graph Visualizer *JavaScript, ThreeJS*　　　　　　　https://jacob-bendele.github.io/Graph-Visualizer-Project/
A graph visualizer that randomly generates a graph in 3D space. The layout is force directed and common traversal algorithms are animated.

Virtual Memory Simulation *C*　　　　　　　https://github.com/Jacob-Bendele/Virtual-Memory-Simulation
The Virtual Memory Model simulated in C. This code simulates a Page Table, Translation Lookaside Buffer, and Frame Table for a single process.