

Created using HTML and CSS in Brackets - <https://github.com/deejai/Resume>

Education

Seminole State College

Associate's Degree, Physics Prereqs

Received December 2011

University of Central Florida

Bachelor's Degree in Computer Science

Graduate December 2016

- 3.5 GPA

Skills

C, C++, Java, C#

.NET, Visual Basic, Excel

HTML, CSS, Javascript

Certifications

R Programming (Coursera Verified Certificate)

<https://www.coursera.org/account/accomplishments/certificate/MXD7NFTW87>

Employment

Contracted Tutoring

Mathematics and Programming Tutor

December 2014 - Present

- Math: Up to Calculus, Diff Eq, and Discrete
- Programming: Mostly C, C++, and Java

Convergys

Apple Tier 2 Account Security Advisor

May 2014 - September 2014

- Trained tier 1 advisors

Digital Risk

Data Capture Analyst

June 2013 - November 2013

- Created efficiency applications using Visual Basic

Projects

2D Tile Game Map Editor

Java

Tile exploration game demonstration. Supports custom tiles with unique behaviors. Map creator reads in color coded .png image to generate custom maps quickly.

<https://github.com/deejai/Java---Tile-Game>

GML Conversation Mapper

Visual C#

Generate, organize, load, and save video game dialogue trees for use in the GML scripting language. Output completed trees as formatted code to use in projects.

<https://github.com/deejai/Csh---GML-Conversation-Mapper>

Hospital Ranker

R

Creates a custom data table from a folder of CSV files of hospital data. User chooses one of 3 different causes of death and whether to filter the results by state and/or ranking.

<https://github.com/deejai/R---Analyze-Hospital-Data>

Sort Demonstrator

C

Given an array of values, show the step-by-step sort process of the array for Bubble Sort, Merge Sort, Quick Sort, Insertion Sort, and Selection Sort. Each sort is labeled with its name and average time complexity.

<https://github.com/deejai/C---Sort-Demonstrator>

Course Work

MIPS Processor Implementation

Computer Logic and Organization (C)

Process input to feed commands through MIPS multiplexers into its ALU, memory, and registers.

AES Encryptor

Security in Computing (Java)

Generate an AES encrypted message given a plaintext file, a 16-bit encryption key, and an initialization vector.