

Ahmed Gouda Elnoamany

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Education

University of Houston

May 2017

-Bachelor of Science in Computer Science

-Minor in Mathematics

Academic Awards: Dean's List: Fall 2015

Projects/Experience

ahmedQuery

- Building my own version of the heavily used Javascript library jQuery.
- Using Javascript, Implemented functions for querying for elements, high order looping, getting and setting attributes, and event listening.

Website

- Building a website to use as a blog, display personal projects and skills.
- Using CSS for easy to use interface that is easy on the eyes. Bootstrap to add cross platform functionality. HTML and Javascript for functionality.

To-Do List

- A simple to-do list for organization.
- Javascript. nodejs and express to render the front end and postgresql to store data in the back end.

RPG Game

- A turn based in console RPG.
- Javascript and Nodejs to implement object oriented programming using test driven development.

Tic-Tac-Toe

- A tic-tac-toe game with dynamic board size with 3 difficulties. The aim of the hard difficulty is to be unbeatable.
- C++ to implement object oriented programming.

HangMan

- A simple guess the word game.
- C++ using object oriented paradigms.

Tutor

2016-Present

- Tutoring at the computer science department for basic C, C++, Java, Python and MIPS Assembly.

Skills

C++

Java

Python

C

Javascript

MIPS Assembly

Matlab

Prolog

Windows/linux

Bootstrap

Git/Github

HTML

CSS

Nodejs

jQuery

Express

SQL

Organizations

IEEE

2016

-Director of Communications

-Communicating with event guests and recruit corporate sponsors.

CougarCS

2016

-Active member regularly attending meetings and events. Competing at CodeRED Hackathon.