

ZAHRA BODAGHI-GINNS

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EDUCATION

Bachelor of Science in Computer Science

University of Houston – Natural Science & Mathematics

Minor in Mathematic

Expected Graduate: December 2021

GPA: 3.949/4.0

RELEVANT COURSEWORK

Introduction to Networking, Data Science and Machine Learning, Entrepreneurship for computer science, Introduction to interactive game development, Software designs.

ACADEMIC PROJECTS

Small Business Web Application | ASP.NET Framework, SQL, HTML, CSS | Visual Studio Code | Summer 2021

- Developed a web application for small businesses following the MVC Architecture and object-oriented programming to maintain reusability and clear code for future improvements.
- Provided the opportunity for small business to manage their inventory, sales, and other aspects of their marketing.

Fibonacci Code Generator | C++, Multithreaded Processing, Communication Sockets | Spring 2021

- Two programs that use inter-process communication mechanisms in UNIX using multi-threaded sockets to communicate.
- Client program received the information from a user then send them using child thread sockets to the server program.
- Server would then return decoded values to the client, so clients could break the codes on their local machine.

DVD Collection Desktop Application | C#, SQL | Visual Studio | Spring2020

- Developed a desktop application following object-oriented programming.
- This application converts a text file provided by user and divide the information to the specific record to be able to store in database for easy access.
- The application provides other functionalities such as add, remove, edit, and search based on specific record.

WORK EXPERIENCE

Private Math Tutor

tutor for students mainly grades 6-8

January 2019 – Present

Online Sales Associate

JCPenny (Memorial Mall), Houston, Texas

October 2017-April 2019

- Responsible for online orders and provided quality service to customers and associates.
- Accomplished certification of recognition awards for achieving corporation goals. All Quarters of 2017-2019

Order Processor

Katy Furniture, Katy, Texas

February 2015- August 2017

- Ordered all the merchandise for the store and communicated with vendors regarding backorders.
- Achieved employee of the months few times over two years period.

SKILLS

- Agile development, Object oriented programming
- Languages: C++, C#, Python, HTML, CSS, JavaScript
- Frameworks: ASP.NET
- Database: SQL, MongoDB
- Software: Oracle, VS Code, GitHub, R studio, Microsoft
- Fluent: English and Farsi

HONORS

- Dean's List: All semesters
- Nominated for Honor Society and the National Society of Leadership and Success

ACTIVITIES

- UH Cougarlet, Vice President, 2019: participation in organization management, as well as creating constitution for the organization and recruiting members.
- Association for Computing Machinery Women (ACM-W), Member, 2019-Present