Zachary Huard

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github.com/zhua95

SUMMARY

Detail-oriented and innovative web developer with 1.5 years of experience in creating dynamic and responsive websites and web applications. Experienced in modern web technologies, including Python, the MERN stack, Java, C#, PHP and SQL with hands-on experience through personal and academic projects. Eager to apply problem-solving abilities and dedication to further develop my skills by learning in a professional setting.

SKILLS

- **Languages:** HTML/CSS, Javascript, C#, Java, PHP, MySQL, Python
- **Frameworks/Libraries:** jQuery, ASP.NET, MERN(MongoDB, ExpressJS, React, NodeJS)
- **Tools:** Git, VS Code, VS Studio, Eclipse, Android Studio, AWS
- **Design:** Photoshop, Illustrator, SceneBuilder

EDUCATION

Web and App Development - Diploma   2025
CDI College, Edmonton, Alberta

High School - Diploma   2013
Leduc Composite High School, Leduc, Alberta

PROJECTS

E-Commerce Store   November 2024
ASP.NET w/ C# and SQLServer
- E-commerce - users can select product and view details before adding to cart and checking-out
- Administrator area to add/remove items and edit details of items

Image Gallery   November 2024
HTML + Javascript w/ AWS(S3, DynamoDB)
- Image gallery with upload/delete functionality. Adds and removes items from S3 bucket and saves metadata for each entry in a DynamoDb table.

Console Chat App   October 2024
Javascript(NodeJS, ExpressJS), MongoDB
- Command-line interface that allows users to send real-time messages to each other as well as see which users are currently on/offline. Server securely stores user credentials along with messages sent/received.

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Virtual ATM September 2024
Python
- Developed an ATM UI capable of handling basic ATM functions such as validating a user ID and PIN number, changing password, withdrawals, deposits, transfers and bill payments. All transactions are checked against the original balance and balance is updated following the transaction. An Administrator account is able to graph the balances among all users and add/remove users

Animated Timeline August 2024
JavaScript w/JQuery
- Built a responsive animated timeline using jQuery's animate and css methods highlighting key points of my life. Manipulating DOM elements with the css() and add/removeClass() methods.

Chat-Room Application July 2024
PHP w/ MySQL, JavaScript
- Developed a chat room application along with a database to store credentials for registered users and previous messages.
- Makes extensive use of query() function to validate credentials, update messages, and retrieve previous messages

Towers of Hanoi Game June 2024
Java
- Replicated the traditional Towers of Hanoi game including a basic UI to interact with the game, moving rings from peg to peg by clicking a dragging.

Virtual ATM March 2024
C#
- Developed an ATM UI capable of handling basic ATM functions such as validating a user ID and PIN number, withdrawals, deposits, transfers and bill payments. All transactions are checked against the original balance and balance is updated following the transaction.

Inventory Manager February 2024
C#
- Created an inventory management console application. Data input by the user is stored in a list. The app is capable of adding new items into the inventory with an associated ID, a name, a description and the price of the item. User's have the option to either add an item, retrieve the data for a single item, or to display all items entered so far.

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REFERENCES AVAILABLE UPON REQUEST