Alexander Hau

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GitHub: https://github.com/Chestirito
Portfolio: https://chestirito.github.io

SUMMARY

Web developer proven to be a quick learner by successfully completing University of Toronto's Coding Boot camp with an average mark of A, were multiple technologies and skills were taught in a fast-paced environment. Also have a diploma as a programmer analyst from George Brown College, where numerous skills were first learned and developed, including but not limited to problem solving, technical writing, relational modeling, and time management for learning multiple programming languages (JavaScript, Java, PHP, C#).

TECHNICAL SKILLS

- Technologies: React, Node.js, Express.js, jQuery
- Programming Language(s): Java, JavaScript ES6, HTML, CSS
- Database: MySQL, Firebase, MongoDB
- Other: GitHub, API, REST, MVC, Object Oriented Programming, JSON, SCRUM
- Spoken Language(s): English, Spanish, Cantonese

PROJECTS

- **Order Management System for Asset Managers**   *(React, Node.js, Express, MySQL, Bootstrap, Alpha Vantage API)*
  Group Project: App built for asset managers, used for managing asset portfolios and staging stock trade orders.
  - Setup Express server: Learned how to setup environment with MySQL as the model and React as the view. Contains configuration for development stage and deployment in Heroku.
  - Designed REST API: Designed and coded endpoints needed by app to delete, post, and retrieve information from MySQL database for 4 different tables with Sequelize ORM.
  - Learned React-Table package: Following documentation guidelines, learned how to display tables with information retrieved with API calls to the database, and coded calculations for certain columns as needed.
  - Basic Scrum implementation to keep track of project's progress.
  - **URLS: https://bomsystem.herokuapp.com/oms ; https://github.com/Chestirito/oms**

- **Day Planner**   *(Node.js, Express.js, MySQL, Full Calendar NPM)*
  Group Project: Simple calendar web app where users can login and add events to a calendar and check details for each day.
  - Setup backend Express server which contain configuration for Sequelize ORM with MySQL database.
  - Designed REST API calls to retrieve, update, delete, and create information for 2 tables in the database.
  - Through the documentation, learned how to use FullCalendar.js library to display calendars with events, with information retrieved from the database.
  - Created login page with authentication that verifies with database records.
  - **URLS: https://github.com/Chestirito/day-planner**

- **Super Heroes Database**   *(eBay API, Comic Vine API, AJAX, JavaScript, Material UI)*
  Group Project: App built for newcomers to superheroes, for finding information and merchandise for any superhero.
  - Used documentation to learn how to use eBay API and setup routes to retrieve information as needed.
  - Learned how to use ComicVine API through documentation, and setup routes to retrieve desired information.
  - Designed front-end user interface to display information from eBay and ComicVine API based on search queries made by users.
  - **URLS: https://chestirito.github.io/Heroes-Database/ ; https://github.com/Chestirito/Heroes-Database**

EXPERIENCE

- **General Assistant (2015 – Present) Community On The Mount (COTM) – Markham, Ontario**
    - Securely deployed CSS, JavaScript and HTML code into WordPress website (cotm.co).
    - Provided IT support for network connectivity, audio equipment, and windows desktop support.
    - Created audio-visual assets used by the organization with self-learned skills for Adobe Creative Suite. (Premiere Pro, Photoshop, After Effects).
    - Edited and published 100+ audio-visual resources into website.

EDUCATION

- **Web Development Coding Bootcamp** - Certificate (2018)
  School of Continuing Studies - University of Toronto, Toronto, ON
- **Programmer Analyst** – Advanced Diploma (2012 – 2015)
  George Brown College, Toronto, ON