

Alexander Hau

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LinkedIn: <https://www.linkedin.com/in/alexander-hau/>

GitHub: <https://github.com/Chestirito>

Portfolio: <https://chestirito.github.io>

TECHNICAL SKILLS

- ❖ Technologies: React.js, Node.js, Express.js, jQuery, MySQL, Firebase (NoSQL), MongoDB (NoSQL)
- ❖ Programming Language(s): JavaScript ES6, HTML, CSS, C#
- ❖ Spoken Language(s): English, Spanish, Cantonese

EXPERIENCE

(June 2020 - Present) Software Developer/System Analyst - Barometer Capital Management Inc – Toronto, Ontario

- Developed internal web application using Node with Express.js for backend server with RESTful APIs, React for frontend user interface, and MySQL for database storage; used throughout whole firm increasing the efficiency and productivity of daily tasks.
- Made internal tools using C# or Node for offloading manual and tedious tasks, which includes downloading CSV email attachments, inserting data into the database from a csv, and sending email confirmations for certain tasks.

(Nov 2019) Full Stack Developer Intern - Flindel – Toronto, Ontario

- Improved company's web application's stability by making unit tests.
- Aided in the user interface design for company's software.

(2019) Full Stack Developer Intern - XR Web – Toronto, Ontario

- Improved company's web application user interface experience using React.
- Resolved bugs, refining user experience while using application.

(2015 - 2019) General Assistant/IT Support - Community On The Mount (COTM) – Markham, Ontario

- Increased functionality on the organization's WordPress website (cotm.co) by securely deploying CSS, JavaScript and HTML code.
- Upheld smooth workflow in the organization's activities by providing IT support for network connectivity, setup Windows desktops, and prepare audio-visual equipment.
- Added value to the organization by creating audio-visual assets using Adobe Creative Suite. (Premiere Pro, After Effects).
- Enriched website by publishing 100+ audio-visual resources.

PROJECTS

Order Management System for Asset Managers (Volunteer) *(React, Node.js, Express, MySQL, Bootstrap, Alpha Vantage API)*

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.
- Designed REST API: Designed and coded endpoints to perform CRUD operations to MySQL database.
- URLs: <https://bomssystem.herokuapp.com/oms> ; <https://github.com/Chestirito/oms>

Day Planner (Boot Camp) *(Node.js, Express.js, MySQL, Full Calendar NPM)*

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 configurations for Sequelize ORM with MySQL database.
- URLs: <https://github.com/Chestirito/day-planner>

Super Heroes Database (Boot Camp) *(eBay API, Comic Vine API, AJAX, JavaScript, Material UI)*

App built for newcomers to 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.
- URLs: <https://chestirito.github.io/Heroes-Database/> ; <https://github.com/Chestirito/Heroes-Database>

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