

Chase Olshen

Contact Info

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Huntington Beach, CA 92648

Skills

- HTML, CSS, JavaScript, Web API, JQuery, Node.js, Express.js, SQL, Handlebar.js, Database Structures, Database Models, MongoDB
- Git lab, Git Hub, Slack, Git Bash, VS Code, Insomnia, Heroku, DOMO, NetSuite
- Lab Technology - Origins, MagnaPure96, Big Neat, Hamilton, HPLC, UV-Vis Spectrometer, FTIR Spectrometer, ICP & AA, EChem and GC/MS Chromatography
- Languages – English (Native) and Spanish (Beginner)
- Proficient in Microsoft Office Suite

Education

Michigan State University East Lansing, MI	August 2015-2020
Chemistry, Bachelor of Science	May 2020
University of Irvine Irvine, California	March 2022-Present
Computer Science, Certification in Coding	Current

Projects

https://pcchase617.github.io/updated_portfolio/

Stream Availability

Simple web app that randomly generates a movie or show to watch based on input criteria

- Designed Load page with HTML and interactive buttons. Click buttons bring you to hidden pages. Hide pages found in CSS. Stores streaming service, genres, movie, or show, and brings you to the following page. Populates an output, with CSS designs, HTML, and JavaScript interactivities.
- JavaScript downloads a Web API and stores keys so that landing page is accessible and interactive. Loop through different videos based on, stream services, genres and types. Runs a function that stores variables with an API Key. Fetch function that fetches the keys from a series of true and false statements. Added into the function that randomizes them.
- Created a function that stores data into variables for later use. Loop through displayed data. Display title, year, cast, overview, trailer and poster image. Create event listener that listens to prevent user from proceeding forward if they didn't pick a stored value. Create a function that checks to see if someone clicks, streaming service, genre, and type of input. Added event listener and stores functions for all 3 stored variables. Added a function for play and pause video.

Voyage Advisor

A travel app that generates information about flights, and costs based on a set of criteria

- Node.js and Express.js used to create a Restful API. Handlebars.js was the template engine. MySQL and Sequelize ORM were the languages for the database.
- Added both GET and post routes for retrieving and adding new data. The folder structure designed for an MVC paradigm. Included authentication for express session and cookies.

- Environmental variables created to protect API keys and other sensitive information. Uploaded and deployed to Heroku with its data. UI polished, responsive and interactive for accept and respond to user inputs.

Experience

Coding Bootcamp

University of Irvine, Irvine, CA

March 2022-Present

- Beginner in Hypertext Markup Language, Cascading Style Sheets, JavaScript, Git bash, VS Code, Insomnia, Heroku, JQuery, Node.JS, Web APIs, Object Oriented Programming, Express.js, SQL, Handlebar.js, Data Model, Data Structures, MongoDB
- Proficient in hosting services include Git Hub, Git lab and Slack

Senior Internal Quality Control Specialist

ExsoMed, Aliso Viejo, CA

April 2021-Present

- Performed Quality Control on Incoming/receiving of medical devices from implants, depth gages, k-wires, drivers, drills and Finished goods packaging
- Used calibrated Go/no gauges, calipers micrometers, pin gauges, and over lays to perform quality testing on medical devices
- Worked alongside vendors and manufacturers to make sure medical devices and finished goods were up to date on certifications and quality
- Maintained Raw material and Finished goods inventory and auditing, FDA approved
- Handled Inbound/Outbound production builds of raw materials to manufacturers
- Shipped Finished goods local, national, and international Hospitals
- Proficient in operating systems inclusive of NetSuite, Egnyte and DOMO

Contract Lab Associate

Quest Diagnostics via Medix, San Juan Capistrano, CA

Nov 2020-Apr 2021

- Lab Associate in the Micro-Infectious Disease Department specializing in COVID/SARs diagnostics
- Verified test culture and record pairs. Prepared raw patient data for installation in various test apparatuses, including: MagnaPure96, Big Neat, and Hamilton. Cleaned and maintained equipment up to date.
- Performed DNA extraction that work in multitude of instruments, these encompassed MagnaPure96 and Hamilton
- De-swabbed test samples for preparation in Big Neat and capping

Research and Development Specialist

Biowy Corporation, Lake Forest, CA

Jul 2020- Oct 2020

- Performed comprehensive lab experiments
- Executed and managed UV-Vis Spectrometer, Analytical Balance and FTIR Spectrometer
- Oversaw Raw Material Sourcing and detailed documentation
- Performed outreach to perspective hospitals to evaluate specific products

Lab Student

Analytical Chemistry Lab, East Lansing MI

Jan 2020-May 2020

- Executed and managed HPLC, GC/MS Chromatography, ICP & AA, and EChem
- Writing of both informal and formal reports

Intro Computational Modeling

CMSE 201 Coding, East Lansing, MI

Jan 2018-May 2018

- Used Python to create computational modeling using a wide variety of applications
- Created data set manipulation, model building, data visualization and numerical methods