ANSON CHUNG

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TECHNICAL SKILLS
*currently acquiring

LANGUAGES
Java, JavaScript, C++, C, Python

FRAMEWORKS AND TECHNOLOGIES
MongoDB, Express, React, Angular*, Node.js, HTML5, CSS3, Git, Heroku, AWS*

PROJECTS

GLOBAL COVID-19 NEWS AND STATISTIC VIEWER | APR 2020
- Created API calls and endpoints with Node.js and Express. 3D Earth model implemented with miniatureEarth.js.
- Added 'click' event-listener to Earth model to pass country IDs to custom endpoints and return data.
- Rendered data with JavaScript DOM manipulation.
- Used MongoDB and Mongoose to allow for creating and rendering user news contributions.

TASK MANAGER REST API | MAR 2020
- Created CRUD endpoints for users and tasks with Node.js, Express, MongoDB, and Mongoose.
- Implemented account authorization and cross-platform use with Express middleware, Bcrypt.js encryption, and JSON web tokens. Implemented email reminder functionality with SendGridAPI.
- Handled errors with HTTP statuses, tested endpoints using Postman and deployed with Heroku and MongoDB Atlas

RECIPE FINDER AND SHOPPING LIST APP | MAR 2020
- Implemented foods, recipes, and liked recipes using the MVC pattern in JavaScript.
- Created models from Forkify API response, rendered view data with DOM manipulation and implemented controller with HTML5, and JavaScript event listeners.
- Promoted browser functionality with Webpack and Babel.

MACHINE LEARNING BESTBUY CHATBOT & AR PRODUCT VIEWER | BIZHACKS FINALIST - FEB 2020
- Implemented the bot in JavaScript, Node.js and hosted on Azure. Trained query recognition and response with Microsoft's Machine Learning bot framework.
- Rendered AR models by category using custom markers with AR.js and product dimensions from BestBuy API.
- Reverse-Engineered BestBuy.com's landing page and integrated the chat bot with React, HTML and CSS.
- Rendered products with JavaScript DOM manipulation and React.

UNITY GAME | BC GAME JAM - FEB 2020
- A 2D vertical platforming game built with C# and Unity Game engine.
- Implemented custom movement, jump, and collision mechanics by overriding the existing Unity physics.

FITNESS, DIET, AND NUTRIENT TRACKER APP | DEC 2019
- Track daily foods, macro nutrients, calories and gym exercises. Set daily food goals and different exercise lists.
- Utilized Java Object-Oriented principles and polymorphism for different classes of foods and gym excercises.
- Used JSON objects to obtain info from Nutritionix API and to implement loading and saving.

WORK EXPERIENCE

GAMES ATTENDANT | PNE | AUG 2016 - PRESENT
- Facilitate the training of new hires, generate revenue by advertising games and interacting with guests.
  - Ranked #1 in sales in 2017.
- Provide guests with exemplary customer service, and a memorable experience.

EDUCATION

UNIVERSITY OF BRITISH COLUMBIA | SEP 2018 - APR 2023
Bachelor of Science in Computer Science | Dean's List Standing.

EXTRACURRICULARS

BizHacks 2020   BC Game Jam 2020

nwHacks Volunteer   UBC Local Hack Day

calHacks: hack:now