

PARTH CHHEDA

parth.h.chheda@gmail.com | [GitHub](#) | [LinkedIn](#)

EDUCATION

The University Of British Columbia

BSc in Computer Science

Aug 2023 - May 2028

GPA: 4.18 / 4.33

TECHNICAL SKILLS

- Languages/Databases: JavaScript, HTML/CSS, Java, R, MongoDB
- Frameworks/Libraries: React, Node.js, Express, TailwindCSS, React Router, Puppeteer, JUnit
- Developer Tools: Git, Postman, VSCode, Eclipse, IntelliJ

PERSONAL TECHNICAL PROJECTS

Fantasy Premier League Player Comparison Tool | [GitHub](#)

July 2024

- Developed a full-stack web application for analyzing live Fantasy Premier League player data with React and Node.js
- Utilized the Puppeteer library and JavaScript promise handling for web scraping and merging data on over 1000 soccer players on three different soccer statistics sites and stored the data on a MongoDB database
- Leveraged the React Router library to implement dynamic client-side routing and utilized TailwindCSS to implement responsiveness and the dynamic highlighting of player statistics based on player performance
- Created an API using Node.js, utilizing Mongoose's data querying and manipulation features to serve data to the frontend and tested API endpoints using Postman

Movie Database | [GitHub](#)

June 2024

- Created a full-stack movie database using React, Node.js and Express to display information on over a 100,000 movies and store user ratings on selected movies
- Connected to the TMDb API using the Fetch API and displayed data using reusable React components
- Persisted user movie ratings provided by users in a MongoDB database, serving the data and performing CRUD operations on the front-end by developing defining API endpoints using Node.js and Express

Personal Portfolio | [GitHub](#)

May 2024

- Built a personal portfolio using React and TailwindCSS to display work and projects
- Developed a responsive UI using TailwindCSS through breakpoint prefixes and the CSS Flexbox layout, testing the UI on multiple resolutions using Chrome DevTools
- Implemented smooth scrolling and animations using the HTML DOM API, CSS and React's useState hook

ACADEMIC TECHNICAL PROJECTS

Heart Disease Predictor | [GitHub](#)

April 2024

- Collaborated in a team of 4 to develop a K-Nearest Neighbor prediction model to predict heart disease
- Trained the model with data on patients with and without heart disease, considering variables such as cholesterol levels, age and resting heart rates, resulting in a model accuracy of 67% and a recall of 69%
- Supported the analysis of data with graphs produced using the ggplot package to highlight the relationship of variables and check for overfitting and cleaned the data using the tidymodels package

Course Tracker | [GitHub](#)

April 2024

- Created a Course Tracker using Java Swing based on 9 pre-defined user stories
- Built tests using the JUnit library to check for bugs and test functionality, achieving a 100% test coverage
- Implemented end-to-end data persistence using JSON and provided documentation on navigating the GUI

VOLUNTEER EXPERIENCE

Chelsea Football Coaching and Leadership

Aug 2021 – May 2022

- Conducted weekly soccer coaching sessions in a team of 7 intended for children from low-income families aged 5-7 with the purpose of boosting children's confidence, and improving fitness through structured football activities

HerJourney

Aug 2022 – May 2023

- Collaborated with the Humanitarian Organization for Home Economics in Singapore to spread awareness on migrant worker rights in local communities through information and documentary viewing sessions