



# Chelsea Dacones

Major in Computer Science and Systems

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Github | LinkedIn

## EDUCATION

School Name	GPA	Year
University of Washington Tacoma	3.83 (Current)	2022-Present
Highline College	3.95	2020-2022

## RELEVANT PROJECTS

### • Budget Bytes | Recipe Chatbot and Culinary Assistance Web App

HTML, CSS, JavaScript/jQuery, Bootstrap/Bootswatch, Node.js, Azure SQL Database

- Worked with a team to develop a full-stack web app that allows users to interact with a chatbot to query recipes which could be based on available ingredients and dietary preferences, targeting simple and budget-friendly options for college students.
- Established project infrastructure (Node.js, Express, Azure SQL Database) and file structure.
- Fully implemented the Landing and About Pages and the back-end and front-end of the meal plan web service.
- Fully implemented the back-end and front-end for recipe services, utilizing SQL database tables to manage favorite recipes, saved recipes, recipe history, and explore recipes.
- Contributed to the front-end and back-end of all other web services, including a chatbot, grocery store locator, cooking assessment, and recipe analysis.
- Authored comprehensive Swagger documentation for the web services.

### • Personal Portfolio

React, HTML, CSS, JavaScript/JSX, Bootswatch/Bootstrap

- Developed a personal portfolio web application encompassing an introductory section, an in-depth narrative detailing my journey in computer science, a link to my resume, and a list of pertinent software development projects.
- Conceptualized and designed website structure and content flow.
- Implemented front-end development using React, HTML, CSS, and JavaScript/JSX, ensuring seamless navigation and user experience.
- Integrated sections highlighting my journey, resume link, and showcased projects effectively.

### • TWSI | Service Wrapper for Azure Computer Vision API

React, Node.js, Express, JavaScript/JSX/jQuery, HTML, CSS, Bootstrap/Bootswatch, Swagger

- Developed a back-end RESTful web service API utilizing Node.js to act as a service wrapper for Azure's Computer Vision API, enabling seamless communication between client's and the Azure API.
- Designed and implemented a user-friendly front-end interface using React, HTML, CSS, Bootswatch/Bootstrap and JavaScript to allow users to interact with the web service.
- Authored Swagger documentation for the web service.

## SKILLS

- **Languages:** Java, HTML, JavaScript, CSS, SQL, C, Python, Erlang
- **Technologies/Tools:** Node.js, Express.js, Git, Bootstrap, React, Visual Studio Code, IntelliJ, JSON, AWS, Azure
- **Operating Systems:** macOS, Windows, Linux
- **Non Technical:** UI/UX Design, Communication, Teamwork and Collaboration, Adaptability and Flexibility, Time Management and Organization, Leadership, Problem-Solving

## COURSES TAKEN

- **Programming Fundamentals:** Object-Oriented Programming with Java (I and II), Introduction to Python, Fundamentals of Programming Language Concepts
- **Mathematics and Logic:** Calculus (I, II, and III), Discrete Structures, Matrix Algebra, Probability and Statistics
- **Computer Science Core:** Data Structures, Design and Analysis of Algorithms, Software Development and Quality Assurance Techniques, Machine Organization, Computer Architecture, Client/Server Programming for Internet Applications, Cloud Computing

## ACHIEVEMENTS

- **Annual Deans List,** University of Washington Tacoma 2022-2023
- **President's Honor Roll,** Highline College Fall 2020, Winter 2021, Fall 2021
- **Vice President's Honor Roll,** Highline College Spring 2021, Winter 2022, Spring 2022