

Makoi Gacula

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Education

California State University, Long Beach

Degree Received: May 2021

B.S. Computer Science

- **Cumulative GPA:** 3.3
- **Relevant Coursework:** User Interface Design, Data Structures & Algorithms, Software Development with Frameworks, Object Oriented Programming, Database Fundamentals

Projects

[MySpotifyInsights](#)

- Used React, Python, and Flask to create an intuitive large-scale web application that allows users to view their personal Spotify statistics such as top tracks, artists, audio features, and also give recommendations based on their music taste via Spotify API
- Used Chart.js to create dynamic and interactive graphs to display audio features of songs and playlists
- Managed a team of 4 as project manager and lead frontend developer
- Communicated and collaborated with others on software prototyping and project management
- Wrote over 70% of frontend code and API integration

[XCAPE](#)

- Used React and static site generator Gatsby to build a website for a made-up travel agency
- Utilized React Styled-Components to bridge gap between components and CSS styling
- Implemented GraphQL queries to produce optimized images, improving performance by 25%

[Unsplash Photo Search Gallery](#)

- Used React to build a Unsplash photo search web application that uses infinite scrolling
- Fetched and handled data via Unsplash REST API to populate images in responsive grid UI

[COLORS](#)

- Used HTML, Sass, and JavaScript to build a clean and responsive landing page site
- Developed a modern UI utilizing SCSS styling, CSS Grid, Flexbox, and JavaScript

Skills & Abilities

- **Languages:** HTML5, CSS3/Sass, JavaScript (ES6), TypeScript, GraphQL, Java, Python, SQL
- **Frameworks & Libraries:** React, Styled-Components, Gatsby, Bootstrap
- **Tools & Platforms:** Git/GitHub, Netlify, Visual Studio Code, Heroku, Figma
- Strong verbal and written communication skills in articulating technical problems and solutions to non-technical individuals
- Ability to effectively problem solve and perform under high pressure situations
- Familiar with SCRUM and Agile workflows