Nathaniel Seth **De Leon**

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SKILLS

- **Languages:** JavaScript, TypeScript, SQL, HTML, CSS

- **Technologies:** React, Node.js, Tailwind, Next.js, Express.js, Socket.IO, PostgreSQL

- **Tools:** Git, GitHub, Vite, Linux, VS Code, Bash, Figma

EDUCATION

Bachelor of Science in Computer Science   Aug 2022 - present
Cavite State University

PROJECTS

Procedural Strategy Game
HTML/CSS, Godot, GDScript
- Developed a browser-based roguelike strategy game featuring procedural level generation.
- Built using Godot and GDScript, exported for web browser compatibility with HTML integration.
- Optimized resource loading and performance for improved user experience across multiple platforms.

Multiplayer Chess Website
React, Node.js, Express.js, Socket.IO
- Developed an online real-time online multiplayer chess web app.
- Incorporated the Stockfish chess engine for analysis mode and AI bot opponents.
- Utilized WebSockets for implementing real-time chess and live chat functionalities.

Income Tax Calculator
HTML/CSS, React, TailwindCSS
- Developed and rebuilt a salary income tax calculator in React to enhance user experience.
- Leveraged DOM manipulation and React components to create an intuitive, user-friendly interface that dynamically responds to input.
- Integrated precise tax calculation algorithms, accurately processing user-provided income data to generate real-time tax results.