

# Ayden Diel

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## Skills

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**Programming Languages/Frameworks:** JavaScript, TypeScript, Node.js, Python, HTML, CSS, React.js, Express.js

**Software/Databases:** VSCode, Git, GitHub, Firebase, Chrome developer tools, Android Studio

**Language Proficiency:** English (native), Spanish (fluent)

## Education

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<b>University of Massachusetts Boston</b> BS Computer Science	Boston, MA Sep 2022 - Jun 2026
<b>North Attleboro High School</b> Highschool Diploma <i>GPA: 3.8</i>	North Attleboro, MA Sep 2018 - Jun 2022
<b>freeCodeCamp.org</b> JavaScript Algorithms and Data Structures Certification	Online Mar 2021 - Apr 2021

## Coding Projects

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**[Currently In Progress] Interactive Exoplanet Predictor** React.js  
*JavaScript, Python, HTML, CSS, JavaScript 3D Graphics Library*  
A web app that allows you to input information about a star (temperature, size, etc.) and will guess how many planets are in the star system based on machine learning and generate an interactive 3D model of the system.

<https://github.com/leiDnedyA/interactive-exoplanet-predictor>  
*Other Collaborators: Edward Gaibor*

**[Currently In Progress] Developer Portfolio Site** TypeScript, JavaScript, React.js, HTML, CSS  
A responsive portfolio site that introduces me, shows off my programming skills and projects, and shows people how to contact me

<https://github.com/leiDnedyA/Portfolio-Site>

**Fullstack Blog Web-App** JavaScript, Node.js, Express.js, React.js, Firebase, Heroku, HTML, CSS  
<https://ayden-blog.herokuapp.com>  
<https://github.com/leiDnedyA/React-Blog/>

**Multiplayer Web Maze** JavaScript, Node.js, Express.js, WebSocket, Heroku, HTML, CSS - A multiplayer maze game with procedural map generation. Runs in the browser and includes multiple servers and supports user interaction. [Currently running]

<https://maze-mmo.herokuapp.com/>  
<https://github.com/leiDnedyA/Web-Maze>

**Physics Simulator** JavaScript, HTML, CSS  
A simple physics simulator that runs in the browser

<https://aydend.neocities.org/>  
<https://github.com/leiDnedyA/JSPHysicsSim>

## Competitions and Community Involvement

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**Google Code-In** Git, GitHub, Open-Source, Python, Linux  
A contest for pre-university students to get involved in software development and open-source

*Participated in 2017 & 2018*

**UMass Boston Computer Science Club**  
I'm currently one of several members of the UMass Boston Computer Science Club. We meet once a week and do coding challenges, resume roasts, workshops, and host talks from people in the industry.

*2022 onward*

## Work Experience

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<b>JCPenney</b> Sales Associate	North Attleboro, MA Nov 2021- Aug 2022
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