

JOSEPH McCONNELL

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SUMMARY

Dedicated results driven student computer scientist seeking an opportunity to grow as a developer.

EDUCATION

Eastern Washington University | GPA: 3.95
Bachelor of Computer Science

Cheney, WA
Apr-2022

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, React, React Native, Python, C and C#

Supporting Skills: HTML/CSS, GitHub, VS Code, Linux, Eclipse, AWS, Unity Development, \LaTeX

PROJECTS

GitHub: github.com/mcconnell-joe/Projects

Turn Based | Java

[Watch it!](#)

- Team Creation: Factories are used for both hero and enemy teams..
- Ability System: Created characters, enemies and heroes with actions and abilities.
- OOP principals: Implemented polymorphism and abstraction to create a robust combat system.
- Status System: Added status system for abilities keeping track of duration, damage and effect
- Continued Development: This is a work in progress and I plan to add to it over my time in school.

Personal Website: www.joseph-mcconnell.com | JavaScript, HTML and CSS

[Try it out!](#)

- Front-End: Used HTML and CSS to create a personalized website.
- Responsive: Implemented media queries and flex box to create a size responsive layout.
- All my JavaScript based projects are running and hosted here.
- Hosted on Amazon Web Services.

Geo-Reach | JavaScript, HTML, and CSS

[Try it out!](#)

- App: Exercise and location planning app implemented using Leaflet API.
- App Logic: The exercise pane is controlled solely by JavaScript.
- User-interface: Users interact with the keyboard and mouse events are handled with JS.
- Storage: The localStorage object is used to store user data.

Banking Web-App | JavaScript, HTML and CSS

[Try it out!](#)

- Dom : Used JavaScript Dom manipulation to hide and display users bank transfers.
- Sorting: Users movements can be sorted with a button press
- Front-End: Used HTML and CSS for the user interface.
- Login: user: jm pin: 1111 — user: jd pin: 2222

EXPERIENCE

Computer Science Tutor
EWU CS Tutor Lab

Oct. 2020 – Present
Cheney, WA

- Lesson Planning: Prepared lesson plans to meet goals identified in students' individualized study plans.
- Assist Learning: Planned lessons for allotted time to strengthen weak subjects and build skills on stronger ones.
- Lead Groups: Spearheaded group tutoring sessions to help students struggling.
- Removing Obstacles: Assisted students with daily homework tasks by uncovering and removing obstacles to success
- Guided Students: Lead students to innovative solutions to coding problems they experience in course work.