JOSEPH MCCONNELL

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SUMMARY

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

EDUCATION

Eastern Washington University | **GPA: 3.95**   Cheney, WA
Bachelor of Computer Science   *June-2022*

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, Java, PHP, C and C#
Supporting Skills: Git, GraphQL, Docker, Docker-Compose, Hasura, Kuberenetes, NodeJS, MySql

EXPERIENCE

Software Engineer Intern   Jun. 2021 – Sep. 2021
GrammaTech   *Ithica,NY*

- Micro Services: Designed and developed a 'metrics' micro service for the CodeSentry Application.
- Configuration: Tested and wrote YAML configuration files for Docker, Docker-Compose, and Kuberenetes.
- GraphQL: Created an API using Apollo Server, integrated the Metrics sub-graph into the parent API.
- Version Control: Utilized GitLab CLI for version control, testing and merge requests.
- API: Used NPM caching and Semaphore tools to limit concurrent API requests.

Computer Science Tutor   Oct. 2020 – Present
EWU CS Tutor Lab   *Cheney, WA*

- Assist Learning: Planned lessons for allotted time to strengthen weak subjects and build skills on stronger ones.
- Guided Students: Lead students to innovative solutions to coding problems they experience in course work.
- Principals: Taught best practices and core principals of object oriented programming.

PROJECTS

GitHub: *github.com/mcconnell-joe/Projects*

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.
- JavaScript based projects are running and hosted here.
- Hosted on Amazon Web Services.

Turn Based | *Java*   Code

- Core Idea: Turn based RPG using command line.
- OOP principals: Implemented polymorphism and abstraction to create a robust combat system.
- Continued Development: This is a work in progress and I plan to add to it over my time in school.

Geo-Reach | *JavaScript, HTML, and CSS*   Try it out!

- App: Exercise and location planning app implemented using Leaflet API.
- Location: Geo-location is used for location and default Lng and Lat values are used when unavailable.

Banking Web-App | *JavaScript, HTML and CSS*   Try it out!

- App: Simple banking app implemented using vanilla JavaScript.
- Front-End: Used HTML and CSS for the user interface.
- Login: user: jm pin: 1111 — user: jd pin: 2222