J. Carter Watson

www.cartwatson.com | linkedin.com/in/cartwatson | github.com/cartwatson

EDUCATION

Utah State University   **Dec 2023**
Bachelor of Science in Computer Science

EXPERIENCE

Space Dynamics Lab, Logan UT
Mixed Reality Software Engineering Assistant   **Jul 2022 - Present**
- Awarded Student Scholar for exceeding expectations and performing outreach
- Created web and mixed reality applications for Internal R&D program
- Implemented seamless user authentication systems across platforms
- Refactored and updated regression testing leading to 10% better coverage

Software Engineering Assistant   **Jan 2021 - Feb 2022**
- Automated regression testing, saving 4-6 hours per release cycle
- Facilitated leading Factory Acceptance Testing for government contracts
- Enhanced virtual system security through dynamic configuration

MPWR, San Diego CA - *Sales Representative*   **May 2022 - Jun 2022**
- Talked to over 2000 homeowners leading to a gross revenue of over 40k

Petersen Inc, Ogden UT - *Project Management Intern*   **May 2020 - Aug 2020**
- Restructured inventory systems, reducing missing parts by 40%
- Optimized inventory management processes

PROJECTS

Choose Your Own Adventure, Hack USU 2023   **Mar 2023**
- Received Beginner Award in the AI & ML category,
- Implemented GPT-3.5 Turbo API for unique character-driven adventures

Dan's Auto Barn, CS 3450 - *Scrum Master*   **Jan 2023 - May 2023**
- Led a 4-person team as scrum master over four months to create a dynamic car rental site
- Live demo available at www.dansautobarn.com

VR Heart Sync, CS 5890   **Mar 2023 - May 2023**
- Enhanced immersion in a VR application with heart rate data from peripheral device
- Pioneered a new dynamic selection technique integrating user fatigue levels

LEADERSHIP

InterFraternal Council, USU - *President*   **Nov 2021 - Present**
- Tripled recruitment by reorganizing and standardizing inter-chapter recruitment
- Created workshop series by polling community for wanted topics and contacting professors

Order of Omega, USU - *Member*   **Jan 2022 - Present**
- GPA in the top 10% of Fraternity and Sorority Life at Utah State University
- Performed a minimum of 8 hours of community service semiannually

IEEE, USU - *Community Representative*   **Aug 2021 - Aug 2022**
- Lead Arduino workshop for ~30 technical and non-technical students

SKILLS

C# | Java | Python | VR | MR | AR | Atlassian Suite | .NET | Bash | Unix | Git | C++ | Documentation
Visual Studio | JavaScript | Software Testing | VS Code | Program Management | Docker | HTML | CSS

Interests: Cycling, Traveling, Piano, Cooking, Boxing