Julianne Sem

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Education

B.S. in Computer Science, Minors in Physics, Mathematics
Western Washington University | Bellingham, WA
Graduation Date: June 2020   **GPA**: 3.0

Skills

Programming Languages: Java, C, C#, Python, HTML, CSS, JavaScript, MySQL, SQLite
Tools: Linux, GitHub, GitLab, Unity Game Engine

Projects

GitHub: https://github.com/JulianneSem
NimbleKnow:
- Team project building software to help make classrooms more interactive
- Software allows teachers to ask questions for students to answer on their laptop or mobile device
- Allows users to translate the webpage to their desired language
- Worked on the frontend and database
    - Designed the website
    - Created SQL statements
- Technology Used: Flask, Heroku, SQLite, and BootStrap
- **https://nimbleknow.herokuapp.com/**

CAPtivate:
- Team project created an attendance system for the Civil Air Patrol (CAP)
- Built the user interface
- Built the backend for printing the attendance report
- Connected the database to the frontend using model-view-controller design
- Used Scrum framework
    - Had three sprints that were two weeks long

Work Experience

January 2020 - March 2020   **Computer Science Teacher Assistant** | Western Washington University | Bellingham, WA
- Graded students programming assignments and advised them on their work

June 2017 – June 2018   **Data Entry, Shipping** | Hardware Sales Internet Division | Ferndale, WA
- Created Scripts to improve work efficiency
- Updated website by modifying HTML
- Forklift operator

Personal

Volunteer:
- Worked with special needs students for holiday events.
- Packed and sorted foods at the Bellingham Food Bank.
- Provided multiple hours towards community projects for the Fidalgo Island Rotary Club.

Activities:
- Snowboarding
- Solving Sudoku Puzzles
- Learning Norwegian