

Julianne Sem



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Education

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

Relevant Coursework:

- Data Structures
- Analysis of Algorithm
- Operating Systems
- Networks

Activities:

Association for Women in Computing, WWU Tennis Team



Skills

Java, C, C#, Python, SQL, Unity, Julia, HTML, CSS, JavaScript



Development Experience



<https://github.com/JulianneSem>

NimbleKnow:

- Team project building a software to help make classrooms more interactive
- Allows teachers to ask questions for students to answer on their laptop or mobile device
- Allows the user to translate the webpage to their desired language
- Worked on the frontend and database
 - Designed the website
 - Created SQL statements
- Utilizes Flask, Heroku, SQLite, and BootStrap
- <https://nimbleknow.herokuapp.com/>

CAPTivate:

- Team project creating an attendance system for the Civil Air Patrol (CAP)
- Worked on the user interface
- Worked on 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

Computer Science TA | Western Washington University | Bellingham, WA | January 2020 - March 2020
Data Entry, Shipping, Inventory | Hardware Sales Internet Division | Ferndale, WA | June 2017 – June 2018
Data Entry, Inventory, Cashiering | Sebo's Hardware & Equipment Rental | Anacortes, WA | June 2015 – August 2016