Nathan James Spelts

Mobile: (425) 408 – 2655 | Email: nate@nathanspelts.com | Website: https://nathanspelts.com/
Gitlab: https://gitlab.com/nspelts | Github: https://github.com/FashionablyNate

SUMMARY

Passionate and enthusiastic junior working towards a Bachelors of Science in Computer Science at Washington State University. Developed a strong background of skills through work on personal projects and hobbies related to web server management and software development.

PROJECTS

Personal Web Server   https://nathanspelts.com
Flashed headless linux operating system onto a personal computer, set up nginx web server and used it as a reverse proxy load balancer for several services.
- Hosts a personal cloud storage server that stores and serves files using the open source nextcloud file hosting software.
- Serves static html pages for users connecting to https://nathanspelts.com.
- Powers fully functional Django web application.

Django Blog   https://blog.nathanspelts.com
Created a complete web application using the Django web framework. This includes front-end and back-end functionality.
- Users can register, login, create posts, edit posts, delete posts, upload profile pictures etc.
- Includes an admin panel for easy moderation and site management.

Side Scrolling Game   https://github.com/FashionablyNate/Moonlight
Developed a side scrolling 2-D video game using the Haxeflixel game engine. The game includes working collisions, enemy AI and power ups.
- Utilized finite state machine logic to implement both user movement and enemy artificial intelligence logic.
- Applied physics knowledge to create a physics engine that handles collisions.

EDUCATION

Bachelor of Science, Computer Science | Washington State University   **2021 - Present**
Relevant Coursework: Systems Programming | Computer Architecture | Formal Languages & Computability | Mobile App Development | Software Engineering | Programming Language Design | Database Systems
Current GPA: 3.770
Year: Junior

Associates, Applied Science | Clark College   **2019 - 2021**
Relevant Coursework: Programming Tools | Data Structures | Object-Oriented Design | Digital Logic Design | Assembly | Discrete Mathematics
Major GPA: 3.5

WORK EXPERIENCE

Server | Olive Garden   **February 2019 - Present**
- Improved ability to work in a team, multi-tasking, and the skill of performing well under pressure.
- Gained leadership experience by training employees on new positions, and mentoring them afterwards.

TECHNICAL SKILLS

Languages: Java | C | Python | C++ | HTML   Databases: MariaDB
Tools: Nginx | Docker   Frameworks: Django