ANDREW NEAL

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EDUCATION

Bachelor of Science in Software Engineering; GPA 4.0　　　　Aug. 2023 – May 2026
Washington State University　　　　*Pullman, WA*

Associate's of Arts; GPA 3.7　　　　Sep. 2020 – Jun. 2023
Spokane Falls Community College　　　　*Spokane, WA*

SKILLS

C, C++, C#, Java, Python, XAML, Git, Bash, CMake, Assembly Language, .NET MAUI, Advanced data structures, Algorithm design and analysis, Parallel programming, Multi-threaded programming, Visual Studio, Visual Studio Code, IntelliJ IDEA, PyCharm, Eclipse, macOS, Linux, Windows

PROJECTS

Cross-Platform Drive Manager | *C#, XAML, .NET MAUI*　　　　Jun. 2024 – Current
- Developed a cross-platform drive management application using the .NET MAUI framework for macOS, Linux, and Windows operating systems
- Included features such as drive detection and listing, comprehensive drive information, and graphical elements to provide simple visual representations of drive utilization, offering the ability to view both total system storage usage as well as individual drive usage

BufferedImage Filters | *Java*　　　　Apr. 2024 – May 2024
- Developed a simple, lightweight library that allows users to implement CPU-based graphical filters on image files and Java buffered images
- Implemented many commonly used filters such as grey-scale conversion, Gaussian blur, and Floyd-Steinberg dithering

Butch Fighter | *C++, SFML*　　　　Nov. 2023 – Dec. 2023
- Co-Developed a street fighter spin-off using college mascots as fighters
- Collaborated with two other programmers using git
- Implemented audio, graphics, movement, combat, and user input methods

AWARDS & EXPERIENCE

VCEA Outstanding Sophomore in Software Engineering　　　　Aug. 2023 – May 2024
Washington State University, Voiland College of Engineering and Architecture　　　　*Pullman, WA*
- Top-rated sophomore in software engineering at Washington State University for the 2023 - 2024 academic year

Eagle Scout　　　　Oct. 2013 – Mar. 2021
Boy Scouts of America, Troop 203　　　　*Mead, WA*
- Led a collaborative project with my local school district and my troop to design and install a United States flag depository for flags to be collected and retired ceremonially.
- Held leadership positions such as troop quartermaster, troop scribe, assistant patrol leader

Association for Computing Machinery　　　　Aug. 2024 – Current
Washington State University　　　　*Pullman, WA*

OTHER EXPERIENCE

Line Cook　　　　Apr. 2022 – Jul. 2023, May 2024 – Aug. 2024
1898 Public House　　　　*Spokane, WA*
- Efficiently and effectively communicated with coworkers to prepare food in timely manner to satisfy guest experiences
- Trained and help lead workers in a variety of positions throughout the kitchen ensuring they were well prepared and able to perform to the standards of the establishment