

Modeste M. Houenou

☎ (509) 338-8702 | ✉ m.houenou@wsu.edu | 🌐 <https://www.linkedin.com/in/modeste-mahouna-h-05016031a/> | <https://github.com/Modeste01>

SUMMARY OF QUALIFICATIONS

- **Technical Tools:** VS Code, Visual Studio Community, GitHub, CLion, Core (game platform), WSL (Windows Subsystem for Linux), MATLAB.
 - **Programming Knowledge:** C, C++, with a solid foundation in problem-solving and logical thinking.
 - **Languages:** Fluent in English and French, enabling clear communication across diverse audiences.
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EDUCATION

Bachelor of Science in Computer Science, Minor in Mathematics | Washington State University, Pullman, WA

GPA: 3.6 | Expected Graduation: May 2026

Relevant Coursework: Data Structures, Advanced Data Structures, Linear Algebra, Computer Architecture, Finite Automata

Associate in Arts - DTA | Spokane Falls Community College, Pullman Campus, WA

GPA: 3.8 | June 2023 | President's Honor Roll

Relevant Coursework: Calculus I & II, Trigonometry, Introduction to Formal Logic

TECHNICAL PROJECTS

Console-Based Technical Solutions

- Created tools to calculate GPA and automate basic student-related operations.
- Developed a **5-Card Draw Poker** simulator and co-developed a rhythm game.

Personal Development

- Designed a **graphical Dungeon Crawler game**, incorporating problem-solving algorithms and user interface elements.
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AWARDS & RECOGNITIONS

- **CrimsonCode 2024 Hackathon Winner** – Built an innovative solution during a 24-hour coding challenge.
 - **Outstanding Student Leader Award (2023)** – Recognized for leadership and exceptional contributions at Spokane Falls Community College.
 - **Google Africa Developer Scholarship (2022)** – Earned certification in web development fundamentals.
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EXPERIENCES

Physics Learning Assistant | Washington State University

Aug 2024 – Dec 2024

- Guided students through complex physics concepts while bridging communication gaps with instructors to foster a collaborative learning environment.

Peer Mentor | Voiland Peer Network, WSU

Aug 2024 – Present

- Mentored seven engineering students by providing academic and technical guidance while promoting campus resources and fostering a supportive academic culture.

Protégé | Boeing Mentorship Program

Oct 2023 – Jun 2024

- Engaged in mentoring sessions focused on technical and career development within aerospace engineering.
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ORGANIZATIONS

- **National Society of Black Engineers (NSBE)** – Active Member
- **WSU Crimson Robotics Team** – Collaborated on technical projects and participated in competitions.