

# James Morton

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## SUMMARY

Aspiring Computer Science student passionate about networking and software engineering, eager to contribute to ByteTech Solutions. Recent experience includes designing simulated networking infrastructures and troubleshooting network issues through various academic projects. Strong collaboration skills demonstrated in a team environment, with a focus on developing innovative solutions and maintaining best practices for security and data privacy. Committed to enhancing personal expertise while supporting team goals within dynamic technology environments.

## EDUCATION

### Bachelor of Science in Computer Science

2026

University of Washington GPA: 3.8

Seattle, WA

*Coursework: Data Structures, Networking Protocols, Database Management, Cybersecurity Fundamentals*

## TECHNICAL SKILLS

- **Networking Tools:** Wireshark, Cisco Packet Tracer, GNS3
- **Programming Languages:** Python, Java, C++
- **Documentation Platforms:** Markdown, Confluence, Google Docs
- **Research Tools:** MATLAB, Jupyter Notebook, Wireshark
- **Testing Frameworks:** Selenium, JUnit, Postman
- **Network Standards:** TCP/IP, OSI Model, HTTP/HTTPS
- **Virtualization Software:** VMware, VirtualBox, Hyper-V
- **Version Control:** Git, GitHub, Bitbucket
- **Operating Systems:** Linux, Windows, MacOS
- **Collaboration Tools:** Slack, Microsoft Teams, Trello

## SKILLS

- Network Design
- Team Collaboration
- Technical Presentations
- Project Management
- Troubleshooting
- Network Protocols
- User Validation
- Emerging Technologies
- Documentation
- Infrastructure Planning
- Data Analysis
- Hands-on Experience
- Research
- System Security
- Networking Solutions
- Lab Work

## EXPERIENCE

### Network Systems Developer

September 2025 - June 2026

University Project

Seattle, WA

Authored a simulated networking infrastructure for an advanced academic project, focusing on design principles and implementation strategies. Led collaboration efforts within the student team to tackle complex network issues, providing insight into effective problem-solving techniques.

- Crafted comprehensive documentation that outlined network configurations and protocols used in project.
- Conducted thorough research on contemporary networking technologies, enriching project presentations.
- Participated in systematic testing of new networking solutions, validating their functionality and reliability.
- Maintained consistent communication regarding project developments, aligning workflows and objectives among team members.
- Delivered practical demonstrations of networking functionalities that translated theoretical concepts into real-world applications.
- Facilitated peer learning sessions to address challenges faced during trials, encouraging shared understanding and knowledge.

### Research Assistant

January 2025 - August 2025

University Research Lab

Seattle, WA

Engaged in vital research focusing on network security protocols, lending support to a faculty-led study resulting in a published paper. Collaborated actively with peers and professors to unravel intricate data analyses, demonstrating robust analytical abilities.

- Contributed meaningfully to creating presentation materials for academic conferences, showcasing research findings effectively.
- Engaged directly in hands-on lab experiments, linking theoretical frameworks with practical networking tasks.
- Documented all research methodologies and outcomes, ensuring transparency and expedience for upcoming students.
- Participated in brainstorming discussions related to maintaining high standards for security compliance within the research domain.
- Supported development of educational resources linked to networking studies, elevating course experiences for future students.
- Advanced public speaking skills while representing research at professional gatherings, fostering greater engagement and networking.

Team Member

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March 2025

## Hackathon Project

Seattle, WA

Collaboratively devised a networking solution in a competitive setting, spotlighting teamwork and creative design execution. The project received accolades for its innovative approach to enhancing efficiency for small business networks.

- Worked alongside a diverse group, leveraging unique skill sets to devise practical networking prototypes.
- Conducted user validation research, incorporating insights into tool development and refining user experience.
- Presented final designs confidently before judges, emphasizing clarity and technical prowess amidst competitiveness.
- Comprehensively documented findings along with lessons learned throughout the hackathon for internal team reference.
- Expanded collaborative networks by interacting with participants from varying fields, enriching overall project input.
- Culminated teamwork efforts into a showcase of impressive results while responding adeptly to feedback.

## LEADERSHIP & AWARDS

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- Dean's List, University of Washington (2025)
- First Place, University Hackathon (2025)

## CERTIFICATIONS

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- Google IT Support Professional Certificate 📅 2025
- Cisco Certified Network Associate (CCNA) 📅 2025

## PROFESSIONAL AFFILIATIONS

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- Member, Computer Science Club, University of Washington (2024-Present)
- Volunteer, Local Coding Bootcamp for Kids (2025)

## LANGUAGES

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- English (Native)
- Spanish (Proficient)

## ADDITIONAL INFORMATION

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**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

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AVAILABLE ON REQUEST