

# CAMERON G. KAMINSKI

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## Objective

I am seeking a computer engineering internship to apply my research experience in machine learning and passion for computer architecture design. With a long-term vision of pursuing a Ph.D. in electrical engineering, I am motivated to learn & excel in a professional setting, furthering my understanding of hardware systems and pushing the boundaries of technological advancements.

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## Skills & abilities

- Computer Architecture: Verilog / System Verilog, RISC-V, GPU architecture, processor design, KiCAD
- Embedded-Systems: Embedded C++, TensorFlow-lite, Arduino, STM-32
- Programming: C/C++, Python, MATLAB, Java, R, CUDA, Bash, Zsh
- Machine-Learning: PyTorch, TensorFlow, model architecture
- Developer-Tools: Git / GitHub, Docker, Anaconda, Weights-and-Biases
- Communication: PowerPoint, Academic-Research Presentations

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## Experience

### UNDERGRADUATE MACHINE LEARNING RESEARCHER

Western Washington University | January 2022 -- Current

- Under advisement of faculty Dr. Kameron Harris, I studied advanced methods of machine learning model analysis.
- Designed model architecture using PyTorch, operated on university computation GPU clusters, and presented at monthly lab meetings.

### W.W.U. DATA SCIENCE SENIOR PROJECT LEAD

Western Washington University | September 2022 – current

- With designated clients my group implemented an automated network graph generator for W.W.U. course curricula.
- Originally worked as lead programmer, recently promoted to group leader.

### COMPUTER SALES ADVISOR

Best Buy | June 2022 -- May 2023

- Advised customers to find Microsoft Windows solutions including PC configuration, Microsoft Office support, and Windows security apps.
- Worked with end users on technical diagnostics.

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## Education

### WESTERN WASHINGTON UNIVERSITY

BELLINGHAM, WA | BS in Data Science | September 2020 – June 2024

I hold a 3.84 GPA as a fourth-year computer science department student. Active in University ran Computational Neuroscience research lab and various clubs.

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## References

### Kameron Decker Harris

Associate Professor | Bellingham, WA | harri267@wwu.edu

### Brian Hutchinson

Associate Professor | Bellingham, WA | hutchib2@wwu.edu