

# Garett Loghry

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## SUMMARY

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I am a software engineer who has a background in embedded engineering and software development.

## TECHINICAL SKILLS

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**Programming Languages**      C, Python, Java, Bash, Rust, MATLAB, Kotlin

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|-----------------------|------------------|--|
| <b>Experienced in</b> | Embedded Systems | CAN Protocol, Git, SVN, System Architecture. |
|                       | Robotics         | ROS2, NVIDIA Jetson, Raspberry Pi.           |
|                       | Machine Learning | NVIDIA Isaac Ecosystem, PyTorch, ONNX.       |
|                       | CI/CD            | Jenkins, JFrog, GitHub Actions.              |

## EXPERIENCE

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### Embedded Software Engineer

Hyster-Yale Materials Handling - *Innovation Team*

Aug 2024 - Present

Clackamas, OR

- OAS
  - Wrote and maintained C code and MATLAB models related to Hyster-Yale’s “Operator Assist System” (OAS).
  - You can see the work we do with OAS at [Hyster Reaction](#) and [Yale Reliant](#).
  - Contributed to technical documentation and production release processes to ensure product quality, life-cycle, and industry standards were met.
  - Worked with cross-functional teams of other engineers, testers, and managers to enhance development times and product knowledge, and reduce the “bus factor”.

- PLACEHOLDER

### Assistant Manager

Music World

Oct 2013 - Jan 2025

Vancouver, WA

- Managed small team of ~4.
- Regularly trained new hires and mentored associates.
- Created training materials and documentation to share knowledge and speed up on-boarding.

## PROJECTS

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### Capstone Intern

Seasalt.AI

Sept 2022 - May 2023

*Remote*

- Helped build a Vietnamese and Indonesian Language Models used for Automated Speech Recognition
- Used Kaldi and K2 to build Acoustic Models
- Used Time Delay Neural Network to retrain our Vietnamese model and minimize Word Error Rate

## EDUCATION

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### Bachelor of Computer Science

Washington State University (WSU)

Fall 2023

Vancouver, WA

Relevant Coursework: Embedded Systems, Operating Systems, Assembly, Systems Programming, Software Design, Algorithms, Digital Forensics, Object Oriented Design