

# JONATHAN WARFIELD MEYER

 [Github](#)  [LinkedIn](#)  [Portfolio](#)  [j.warfieldmeyer@gmail.com](mailto:j.warfieldmeyer@gmail.com)

## EDUCATION

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### University of California, Riverside

Master of Science in Computer Science, 3.7 GPA

June 2022

- Electives: Data Mining, Databases, Software Verification, Real-Time Operating Systems

Bachelor of Science in Computer Science, 3.33 GPA

June 2020

- Electives: Natural Language Processing, GPU Architecture, Embedded Systems

## TECHNICAL SKILLS

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<b>Programming Languages:</b>	Python, C, C++, Go, TypeScript, JavaScript, HTML, CSS, Web Assembly
<b>Data Science Frameworks:</b>	SciKit-Learn, ONNX Runtime, PyTorch
<b>Miscellaneous Proficiency:</b>	Version Control, Regression & Unit Testing, Unix, Windows
<b>Certification:</b>	SWIFT Yellow Belt, 2023 - Software Craftsmanship, Intel Corporation

## WORK EXPERIENCE

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### Software Engineer Intern

May 2022 - December 2022

Intel Corporation — San Diego, California (Remote)

- Collaborated with a small team on training supervised machine learning models in a simulator for a confidential product where my contributions significantly improved accuracy at no cost to speed.
- Enhanced data ingestion process to allow for additional analysis with minimal impact to throughput.
- Followed software engineering principles: testing, version control, object-oriented programming.
- Wrote documentation & tutorial to ensure work was properly transferred to team at the end of the internship.

## PROJECTS

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### T3rra-Viz

full-stack web application with machine learning

- Classifies Iris Flower Species using XGBoost, a state of the art machine learning model.
- Cross language machine learning where the Training pipeline is in python, but inferences natively in the client's browser.
- Built on top of [create-t3-app](#) and T3 stack(TypeScript, NextJS, TailwindCSS) with ONNX Runtime integration via Web Assembly (WASM).