


Max Franz

Software Engineer

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A recent Computer Science graduate eager to bring undergraduate experiences to the table while learning from professionals in order to produce results.

Projects

Tektronix-Sponsored Capstone Project

September 2021 - June 2022

- Designed a smart regression testing system to reduce Tektronix's nightly regression test suite from 8 hours to ~15 minutes, 3200% reduction
- Utilized machine learning to identify the top 20 tests most likely to fail on any given code change
- Used Python, PyCaret, Pandas, and Docker

URL Metadata Extractor

June 2021 - July 2021

- Designed a web-based tool that can extract metadata from YouTube videos, Wikipedia pages, or StackOverflow questions
- Metadata and other relevant information that's been extracted from the URL is printed in JSON format
- Used Docker, TypeScript, jQuery, NodeJS, Cheerio, Express-Handlebars

Education

Oregon State University - B.S., Computer Science

September 2018 - June 2022, Major GPA: 3.60

Corvallis, OR

Awards

- Certificate in Cybersecurity
- Dean's List

Relevant courses

- Data Structures
- Algorithms
- Databases
- Cryptography and Security
- Technical Writing
- Networking

Skills

- C++, C, Java, Python, HTML, TypeScript, CSS, Rust, Assembly
- Windows and Linux
- Cryptography and Cryptographic Proofs
- Docker