

**Summary:**

- ▷ 3 years of experience building full-stack microservices applications, designing APIs, and adding front-end features at Intel Corporation, Tyler Technologies, and a couple of startups.
- ▷ Recently graduated with an M.S. in Computer Science, specializing in AI and ML.
- ▷ I think deeply about delivering great user experiences, how things look, feel, and behave.

**Work Experience:**

*Teaching Assistant*                      Southern Methodist University                      01/2023 - 12/2023

*Software Engineer*                      Intel Corporation                      08/2022 - 08/2023

Intel Corporation is a manufacturer of semiconductor chips, supplying processors and other components for computer systems.

- ▷ Worked on the GTAX team, ensuring GPU drivers are scheduled and tested on different simulated environments globally.
- ▷ Responsible for adding/debugging features to a microservices web-based application, providing user support, troubleshooting issues, guiding users through the usage of the application, and deploying the application in CI/CD using Github Actions on a rotating on-call schedule.
- ▷ Optimized application performance using various techniques, for example, developed a caching service layer and an observable architecture service that solved the API over-fetching problem, and developed a service that displays error messages which reduced the service workload.
- ▷ Python, Typescript, Flask, Angular, Pytest, Jest, Postgres, Docker, Grafana, Splunk, Azure, Test Driven Development (unit, functional)

*Software Developer*                      Tyler Technologies                      05/2021 - 08/2021

Tyler Technologies is the largest provider of integrated software services for the public sector.

- ▷ Worked on the Odyssey product, an end-to-end criminal justice solution
- ▷ Developed a critical module for an enterprise desktop application using C# and WPF.
- ▷ Integrated legacy code into a modern framework, ensuring a seamless transition.
- ▷ Collaborated with a team of 3 interns, and conducted code reviews.

*Web Application Developer*                      Ayoka Systems                      01/2022 - 03/2022

*Python API Developer*                      Dynotify Inc.                      11/2020 - 02/2021

**Project:**

*Synapticgo (Go)*

A package that gives you full anatomy to build neural networks in Go

*Whitenuerix (Python, Pytorch)*

A pytorch model that uses a deep learning multi-task framework for white-balance editing

*Webhook-go (Go, Python)*

A simulated payment service using webhook method in golang

**Education:**

Southern Methodist University

*M.S. in Computer Science, Artificial Intelligence and Machine Learning Specialization*                      12/2023

*B.S. in Physics, B.A. in Economics*                      05/2022