

# Joseph (Joe) Cowles

Undergraduate Researcher & Software Developer

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## EXPERIENCE

### Intelfy.co - Founder

June, 2024 - Present

- Build a full-stack LLM-agent platform to perform market research
- Implemented the applications with NextJS, FastApi, and PostgreSQL
- Grew the product to 91 users (as of 8/24/24).

### University of North Texas - Undergraduate Researcher

May, 2023 - August, 2023

- Used high-power computing to solve current issues in cancer research
- Implemented a variable auto-encoder for the classification of different cancers
- Implemented an automated data pipeline for continual learning

### Unboxed Industries - Software Developer

April 2020 - May 2022

- Developed RESTful microservices using Java.
- Designed front-end Android applications with back-end compatibility.
- Documented technical specifications and project testing methods for future reference.

## EDUCATION

### Texas Tech University - B.S. Computer Science

GPA: 3.83

August 2021 - May 2025 (expected)

## PROJECTS

### Intelfy.co - 2024

Founded a company to build AI market research tools. Worked with Docker, AWS, NextJS, Typescript, Tailwindcss and Python

### Cancer Diagnostic Research - 2023

Worked with researchers from the University of North Texas to develop a cancer diagnostic test that uses AI to classify DNA Methylation data.

### Electronic Logging Device - (2020-2022)

Worked for Carrieristics, a trucking startup, to create a device that logs trucking hours and reports to the FMCSA.

## SKILLS

React Native, NextJS

Java, C, C++, Javascript,  
Python, Typescript

Deep learning with  
Tensorflow, PyTorch

MIPS, x86 assembly

AWS, Docker, PostgreSQL

## AWARDS

California Congressional  
Award for Community Service

Presidential Scholarship -  
Texas Tech University

Vice President of Executive  
Development (Complex  
Council) - Texas Tech  
University

HACKUTD X - 2023 Winner

TTU Robowars - 2023 Winner

HACKWESTX - 2024 Winner

See More!

