

# NICHOLAS R TAYLOR


## FULL STACK WEB DEVELOPER

### CONTACT

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Denton, Texas 

/in/NichTaylor 

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NicholasRTaylor.com 

### EDUCATION

B.S. Computer Science

University of North Texas

2021 Fall - July 2025 Denton, TX

GPA: 3.3

### Awards and Organizations

Dean's List

National Leadership Society Member

Pi Kappa Alpha (PIKE) Fraternity

### SKILLS

Git

HTML/CSS

JavaScript / TypeScript

React

REST APIs

Java

C / C++

Python

GoLang

Gin

AWS (Amplify, RDS)

### CAREER OBJECTIVE

Self-motivated computer science undergraduate seeking to acquire a Software Engineer or Full-Stack Web Developer internship or entry level role for the summer of 2025. Eager to learn and grow alongside experienced engineers, developers, and architects. Expected graduation July 2025

### WORK EXPERIENCE

#### Software Engineer Intern

Viscosity NA June, 2022 - August,

2022/Plano, Tx

#### Esports Athlete

Toyota Lake Charles January, 2020 -

January 2021 / Online

UNT Esports August 2021 - June 2022

Denton, Tx

### LEARNING PROJECTS

#### Personal Website

NicholasRTaylor.com

- Host NextJS application and a Postgres database in AWS Cloud
- Create React components and orchestrate them to make web pages
- Coordinate the front-end and back-end with Prisma ORM

#### Personal Drive

- Create REST API endpoints with Gin framework
- Create a server scheduler to manage cron-like server automation
- FTP Server for file upload
- Unmarshalling and marshalling JSON data
- Tree-based file structure to emulate Google Drive functionality
- Create email automation with an email socket server running on concurrently

#### Encrypted Password Manager & File Tree

- Written in Rust
- AES-GCM Symmetric Encryption
- Lightweight, Portable