

# Joseph Norman

## EDUCATION

**University of Texas at Dallas / M.S. Computer Science**  
AUGUST 2021 — MAY 2022

**University of Texas at Dallas / B.S. Computer Science**  
AUGUST 2018 — MAY 2021

 (281) 245-8114

 [joseph.norman.nyc@gmail.com](mailto:joseph.norman.nyc@gmail.com)

 [winecraft.dev](https://winecraft.dev)

 [github.com/winecraft-dev](https://github.com/winecraft-dev)

**SKILLS:** Go, AWS, Kubernetes, Terraform, React.js, Django, Java

**AWARDS/CERTIFICATIONS:** Eagle Scout, AWS Certified Solutions Architect - Associate

## EXPERIENCE

### **Capital One / Senior Associate Software Engineer**

AUGUST 2022 — SEPTEMBER 2024, New York, NY

- Contributed to transitioning **Kubernetes** platform from legacy to Amazon EKS, working with the team to create **Terraform** tooling for spinning up clusters for AI/ML teams
- Configured Karpenter autoscaling with Terraform to automate node group management and wrote tests to ensure proper scaling for workloads
- Led the POC for a scaling Kubernetes service in **Golang** on the feature platform to prevent resource conflicts, writing auto-scaling for EC2, containers, ALBs, and DNS to give AI/ML teams dedicated, scalable resources

### **Samsung Austin Semiconductor / Software Engineer Intern**

MAY 2021 — AUGUST 2021, Austin, TX

- Set up a private NPM proxy and developed a Usage Tracking in **JavaScript** system to report user statistics to a **React** dashboard, helping my team optimize code sharing and identify usage patterns by the Chemical Engineers we supported

### **Aleph Technologies LLC / Web Development Intern**

SEPTEMBER 2019 — DECEMBER 2019, Plano, TX

- Contributed to the Scrum Training Event shop (**Django/JQuery**) and collaborated with a team to build the company website using **React**.

### **J.H.S. 157 Halsey Middle School / Substitute Teacher**

MARCH 2025 — JUNE 2025, Queens, NY

- Substituted for the 6th Grade STEM teacher during maternity leave, implementing a 3D-printed bridge unit and teaching students the Engineering Process using TinkerCAD

### **Lilli and Loo - Gluten Free Chinese Restaurant / Server**

SEPTEMBER 2024 — JANUARY 2026, Austin, TX

- Developed communication, problem-solving, and time management skills

## PROJECTS

### **Jello Thompson Visuals Portfolio Website / [jellothompson.com](http://jellothompson.com)**

REACT.JS, HTML, CSS, DOCKER

- Designed a portfolio website for Jello Thompson using React, helping him secure a studio job through his professional online presence

### **Hardware Project Blog / [winecraft.dev/blog/making-a-musical-matrix](http://winecraft.dev/blog/making-a-musical-matrix)**

GOLANG, REACT

- Showcased hardware projects (CAD, 3D printing, electronics) on my blog, including the LED Musical Matrix, to highlight hands-on engineering during my time off