Joseph Norman

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🔗 winecraft.dev

🔗 github.com/winecraft-dev

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

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, provisioning 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 Usage Tracking in **Javascript** 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 on maternity leave, implementing a 3D-printed bridge unit and teaching students the Engineering Design Process using TinkerCAD

Lilli and Loo - Gluten Free Chinese Restaurant / *Server*
SEPTEMBER 2024 — JANUARY 2026, New York, NY

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

PROJECTS

Jello Thompson Visuals Portfolio Website / 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
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