

Joseph Norman

☎ (281) 245-8114

EDUCATION

University of Texas at Dallas / M.S. Computer Science

AUGUST 2021 — MAY 2022

GPA: 3.575

✉ jnormantransactions@gmail.com

🔗 linkedin.com/in/josephnormandev

University of Texas at Dallas / B.S. Computer Science

AUGUST 2018 — MAY 2021

GPA: 3.543

🔗 github.com/jnorman-us

SKILLS: Node.js, Java, Go, C/C++, Python, PHP, React, MySQL, Django, MongoDB, Tensorflow, Pytorch

AWARDS: Eagle Scout, President's Volunteer Service Award

EXPERIENCE

Samsung Austin Semiconductor / Software Engineer Intern

MAY 2021 — AUGUST 2021, Austin, TX

- Developed a Usage Tracking system that would report user statistics to a **React** dashboard and enable the team to see which Data Reports were most used by the Technicians
- Hosted a private **NPM** proxy for onsite **Javascript** developers to share React libraries
- Found opportunities to bundle copy pasted snippets scattered across different projects into functional React libraries for User Authentication, Usage Tracking, Error Logging, and Interactive Tables

Aleph Technologies LLC / Web Development Intern

SEPTEMBER 2019 — DECEMBER 2019, Plano, TX

- Continued development of the Scrum Training Event shop written in **Django/JQuery**
- Collaborated with a team of developers to create the company website in **React**
- Communicated with the sales team to design UXs for people buying event tickets

PROJECTS

Golang Web Game (In Progress)

GOLANG, WEBASSEMBLY, HTML, PROTOBUF

- Wrote a 2D game engine in **Go** to simulate swords, bows, arrows, and players
- Condensed multiplayer **Websocket** data with a **Protobuf** codec to use minimal bandwidth
- Compensated for network latency to smooth out animations referencing **Valve's** devlogs

Wells Fargo Fraud Classifier / www.github.com/josephnormandev/cs6375-Fraud-Detection

PYTORCH, PYTHON, NEURAL NETWORKS

- Used machine learning techniques to analyze a dataset of fraudulent transactions
- Trained a **Pytorch Neural Network** to flag transactions accurately

Jello Thompson Visuals Portfolio Website / www.jellothompson.com

REACT.JS, HTML, CSS, GITHUB PAGES

- Designed a web page to showcase Jello Thompson's film portfolio using **React**
- Helped my friend secure a job at a studio through his professional online presence

LED Musical Matrix / www.github.com/josephnormandev/musicalmatrix

PYTHON, RASPBERRY PI, ELECTRONICS

- Soldered a 150 LED Matrix into a laser cut case and wired it to my **Raspberry Pi**
- Wrote a **Python** script to turn music into a light show over **WiFi**