

Mehmet Firat Aksoy

mfirataksoy.com | 682-307-1357 | m.firat.aksoy@tcu.edu

EDUCATION

Texas Christian University

Fort Worth, TX

John V. Roach Honors College – Bachelor of Science

May 2023

Major: Computer Science | Minors: Honors, Mathematics

Chi Delta Mu

HONORS

- Chancellor's Scholars
- Dean's List

EXPERIENCE

Research Assistant – TCU Computer Science Department

June 2021

- Working one-on-one with professors in TCU for Programming Protocol-Independent Packet Processors to provide telemetry and traceability for complex computer networks using mini-net and P4 on Linux.
- Used domain-specific languages to program a Software Defined Networking chip based on the requirements of ASIC chips.

Software Engineering Internship – Anlas Automation

September – December 2019

- Generate reports for customers using SQL
- Participated in code reviews and meetings to understand how a WMS systems design is implemented.
- Enhanced company's licensing authorization software's UI using JavaFX.

PERSONAL PROJECTS

Personal Website – mfirataksoy.com

August 2021

- Netlify hosted, Bootstrap and jQuery UI for frontend. Designed elements on Adobe suite.

Sticker Website with WhatsApp & Telegram Chatbots for Stickers – stickerhub.io

- Facebook requires downloading 3rd party apps on phones to use stickers on WhatsApp. Made this project to allow everyone to use stickers on these apps without downloading any app.
- Users can upload/download stickers directly from website through Node.js operated chatbots.
- Used official Telegram API, Vue.JS, Firebase, GCloud. Programmed an unofficial WhatsApp API.

Google Docs-like Note Taking Application – notewith.me -> temporarily only accessible at note-that.netlify.com

- Take notes and share documents fast just by sharing a link without making any accounts.
- Simultaneous editing of documents for over 20 users at once. Made for class activities during online education since the pandemic. Supports video embedding, images, and limitless fonts.
- Used MongoDB, Express, Vue.JS, Node.js

CERTIFICATIONS AND SKILLS

Google Professional IT Support Certificate

September 2021*

Programming Languages and Technologies: Java, C#, MS SQL, HTML5/CSS3, JavaScript, ASP.Net MVC, .NET Framework, Bootstrap, Hibernate, Linux Administration

Courses: Computer Organization, Analysis of Algorithms, Database Systems, System Fundamentals