Mehmet Firat Aksoy

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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 College of Science and Engineering   **June 2021 - Present**

- 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 Intern – 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 – 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

- 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