

Denis Nazım Hikmet Gerçek

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EDUCATION

Ankara Yıldırım Beyazıt University **2020 - 2024**
Bachelor's degree, Computer Engineering

Nermin Mehmet Çekiç Anadolu Lisesi **2016 – 2020**

SKILLS

JavaScript, TypeScript, Express.js, SQL Server, React.js, Next.js, TailwindCSS, React Native, ASP.NET, Java, C, Linux

EXPERIENCE

TCHEALTH | Intern **July 2022 – August 2022**

- Designed and developed a web-based veterinary monitoring system using ASP.NET, Microsoft SQL Server, HTML/CSS and Javascript.

Little Kitchen | Waiter **August 2022 – December 2022**

- Learned how to be patient with people in high stress environments.

PROJECTS

Tree Track | [Github](#)

React Native, Firebase, NativeWind

- Mobile app made with React Native and Firebase for tracking plant growth.
- Implemented geolocation for putting plants on the map.
- Used Cloud Firestore for database.
- Authentication is handled by Firebase Auth.
- Made the styles responsive with NativeWind.

MPI Bilinear Image Scaling | [Github](#)

C, MPI

- Parallel program made using MPI library in C for image resolution upscaling and downscaling.
- Implemented bilinear interpolation algorithm to calculate new pixel values.
- Also made an NVIDIA CUDA implementation which utilizes the GPU.

Chinese Checkers AI | [Github](#)

Java

- Chinese checkers game implementation in Java.
- Implemented adversarial search algorithm for the agents' AI.
- Calculated center of gravity and standard deviation of the pieces for heuristic function utilities.

LANGUAGES

Turkish Native

English C1

Japanese N5