Dogan Ogut

dxo6470@mavs.uta.edu • 945.546.5406 • linkedin.com/in/doganogut • github.com/ogutdgn

Full-Stack Developer | Node.js, React.js, Django

EDUCATION

University of Texas at Arlington — Arlington, TX

Computer Science, B.S. — Exp. Graduation: May 2028

EXPERIENCE & PROJECTS

Outlier AI, *AI Trainer* — Oct. 2024 – Current

- Collaborated with a multidisciplinary team to create diverse code solutions, accelerating AI development by **45%** and enhancing coding-based performance in one of the world's most advanced models.
- Led a team of **15**, organized weekly meetings to monitor progress, evaluated task efficiency, and scored tasks to ensure optimal performance.

AI Research Lab, *Full Stack Software Engineer Intern* — Oct. 2024 – Current

- Developed a platform that delivers trending and up-to-date news with a **65%** faster retrieval speed compared to manual searches, significantly enhancing user experience and access to information.
- Implemented frontend development by crafting a user-friendly interface using React.js and ensuring seamless integration with Django backend via optimized API endpoints for efficient data exchange.

Learning Management System for Speed Reading | *React.js, Node.js, MongoDB* — May 2024 – Aug. 2024

- Designed and developed a Learning Management System to improve reading speed by **200%**, especially for high school students in Turkey that are preparing for the competitive university placement exam.
- Gained expertise in Redux for state management, secure token-based authentication, and optimizing backend architecture with well-structured models, controllers, and routers.

Paragon Technology, *Full Stack Software Engineer Intern* — Jun. 2022 – Sep. 2022

- Built a robust React.js framework that supported rapid prototyping; facilitated consistent UI design across five projects while enhancing maintainability through modular component architecture, resulting in improved developer onboarding feedback.
- Generated mock data to simulate real-world scenarios, enhancing frontend testing efficiency and reliability. Utilized MUI to design consistent, visually appealing UI components and refined React.js structures for elevated performance and maintainability.

LEADERSHIP & VOLUNTEERING

UTA RoboMasters, *Python* — Aug. 2024 – Current

- Designed and refined robotic algorithms for competitive robot races, achieving a **15%** boost in speed and agility; tackled real-world robotics challenges to build practical skills through iterative testing processes.
- Elevated robot functionality and performance through efficient coding practices and innovative solutions.

North Star Academy, *Student Mentor* — May 2024 – Current

- Mentored **5** students through structured SAT preparation sessions, resulting in an average score increase of **150** points across all participants by implementing personalized study strategies tailored to individual learning styles.
- Evaluated individual academic goals for each mentee in the U.S. university application journey, resulting in tailored guidance that contributed to over **80%** of participants gaining admission into preferred universities within one year.

TeknoFest, *Project Lead* — Jan. 2022 – Sep. 2022

- Directed the integration of 3D printing technology into prototype development processes, resulting in significant reductions in material waste by over **25%** during the production phase of embedded systems.
- Crafted and programmed custom circuit boards using C language, leading to the successful creation of a prototype that reduced response times in embedded systems by **30** milliseconds per operation.