

EREN SÖNMEZ

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I'm Eren Sönmez, a third-year Computer Engineering student. My fascination with technology dates back to my childhood. During my high school years, I had the opportunity to work extensively with Arduino, which allowed me to dive deeper into the world of hardware and embedded systems. This hands-on experience ignited my interest in computer engineering and motivated me to pursue it as my academic path.

I'm deeply enthusiastic about project development and thrive in collaborative environments. As a Computer Engineering student, I've gained a solid foundation in various programming languages and problem-solving techniques, which I'm eager to apply to real-world challenges. I believe in the power of teamwork to drive innovation, and I'm committed to contributing my skills and knowledge to meaningful projects in the field of technology.

EDUCATION

Computer Engineering - Duzce University (2020 - ongoing)

Düzce - Turkey

PROJECTS

- Collaborated with a multidisciplinary team of four students, utilizing OpenCV and C++ to develop a system for insect detection and calculation of appropriate drug dosages based on insect quantity.
- Designed comprehensive UML diagrams, including State and Deployment diagrams, for a banking system.
- Designed a book reading app capable of creating books with authors and readers. Readers could read the books, bookmark them, and access the author's information.
- Created a university app enabling users to manage departments, professors, students, courses, and access class information.
- Developed an accounting app facilitating account management, withdrawals, deposits, and transfers between accounts.
- Worked on various algorithms and mathematical problems, including Towers of Hanoi, Fibonacci sequence, and Pi computations using Java.
- Designed a versatile calculator in Java capable of performing factorial and modulus operations.
- Implemented the FizzBuzz game using Java programming
- Developed a simple calculator and a login page using Java Swing.
- During the semester, I learned concepts in Database Management Systems and solved practical application exercises given as SQL assignments. I performed CRUD operations on the Northwind database and uploaded the solutions to GitHub.
- Created an ATM interface with login, deposit, withdraw, and transfer functionalities using NetBeans, Java, Java Swing, and SQL.
- Developed a comprehensive tech store desktop app with backend in Java, MSSQL for database, JDBC for SQL connection, and Java Swing for GUI. Implemented CRUD operations, triggers, and stored procedures. Supported multi-user roles (Admin, Employee, Customer) with distinct functionalities. Admin had full control, including database backup and restore features.
- Built beginner-level JSP and JSP Servlet applications using Tomcat server, including a Hello World page and a language-switching feature (English, Spanish, German). Developed a student sign-in page.
- Executed a comprehensive MVC project using JSP and Java Servlet on Tomcat Server within the NetBeans IDE.

COURSES & TECH STACK & MISCELLANEOUS

- C++, C#, Java, Spring Framework
- SQL, MYSQL, HTML, CSS, JDBC, Git, GitHub

Udemy

OOP with Java

OOP & Functional Programming with Java

Language

Turkish: Native

English: Fluent