

# Onur Kose

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## EDUCATION

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### The College of New Jersey

B.S., Computer Science

Ewing, NJ

August 2023 – May 2027

- **Relevant Coursework:** Data Structures, Discrete Structures, Computer Architecture, Analysis of Algorithms, Operating Systems, Computer Networking, Software Engineering, Database Systems
- **Organizations:** Association of Computing Machinery, DIGIT.all, Muslim Student Association

## TECHNICAL SKILLS

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**Programming Languages:** C, C++, Go, Java, Python, Ruby, Rust

**Tools & Frameworks:** Cargo, Docker, Flask, Git, GitHub, Linux, Make, Rails, SQL, Vim, WireShark

**Spoken Languages:** English (Native), Turkish (Native)

## PROJECTS

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### Unix Shell

Oct 2025 - Nov 2025

- Developed a custom UNIX shell in C supporting process creation, directory navigation, background execution, I/O redirection, and single pipe commands.
- Implemented command history with arrow key navigation to manage terminal modes and a stack-based system to store and retrieve commands.
- Designed features including displaying current working directory, re-executing the last command, error handling, and an interactive prompt.

### Multi User Chat Room

Nov 2025 - Dec 2025

- Collaborated with a partner to develop a command-line chat application using Linux socket libraries in C.
- Implemented a backend to support multiple simultaneous chat rooms with many features.
- Developed a peer-to-peer file transmission protocol using asynchronous threads to handle file transfers without disrupting communication.

### Internet Speed Tester

Nov 2025 - Dec 2025

- Designed and implemented a full-stack client server architecture to measure upload and download speeds in real-time.
- Built a server-side service capable of handling multiple, simultaneous connections.
- Implemented precise performance metrics calculations to provide accurate Mbps readings across various network conditions.

## WORK EXPERIENCE

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### Team Member

Chick-fil-A

Burlington, NJ

May 2023 - June 2025

- Provided fast and accurate service to guests.
- Collaborated with coworkers to fulfill orders accurately during peak hours with minimal errors.
- Maintained strict compliance with food safety protocols.
- Trained 3 new team members through hands-on experience increasing overall back-of-house efficiency.