Koray Ozturkler

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OVERVIEW

Software engineer with experience across the stack, specializing in app development and backend web services. Passionate about building robust applications within a fast-paced, team-driven environment.

EDUCATION

North Carolina State University (Raleigh, NC)   *May 2027*

B.S. in Computer Science   *Cumulative 4.0 (Major 3.9)*

RELEVANT SKILLS

- Java, Python, Rust, HTML, CSS
- Flutter, Spring Boot, MySQL, REST, gRPC
- Team Leadership, Project Planning, Agile Methodology

EXPERIENCE

Test Automation Intern (Garanti BBVA, Istanbul)   *June 2025 — August 2025*

- Developed robust integration tests with JUnit for critical financial services, increasing code coverage and ensuring confident code deployments.
- Authored Python scripts to automate production error detection and generate data-driven sprint reports, saving manual effort and improving team insights.
- Mentored a new team member on codebase, testing frameworks, and team procedures, accelerating their onboarding process.
- Proactively identified and documented bugs with suggested solutions, accelerating resolution time and enhancing application stability.

Software Development Intern (ATP Zenia, Istanbul)   *May 2024 — August 2024*

- Collaborated in a tight-knit and fast paced agile team to implement a frontend application using Flutter for major fast-food chains like Burger King to streamline inventory management.

RELEVANT COURSEWORK

CSC 230 Operating Systems **CSC 316** Data Structures & Algorithms **CSC 474** Network Security

CAMPUS INVOLVEMENT

Hack_NCState Planning Committee (Director of Software) *September 2023 — Present*

- Organize and run the largest NC State hackathon with 230+ participants annually.
- Lead a team of CS students in managing the website, organizing guides, and developing software infrastructure for the day of the event.

App Development Club (Flutter Co-Lead)   *September 2023 — Present*

- Co-lead and mentor a group of 20+ students in building a full-stack Flutter application with a Rust backend, teaching concepts from UI design to state management.