ALPER TEPEBAS
Software Developer Intern

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EDUCATION

University of Connecticut - May 2026
Bachelor of Science, Computer Science, Junior

Relevant Courses: *System Programming, Computer Architecture, Cybersecurity, Algorithms and Complexity, Data Structures and Object-Oriented Design*

LANGUAGES

Native or Bilingual Proficiency
English, Turkish

SKILLS AND TECHNOLOGIES

Languages: Python, C, JavaScript, HTML, CSS

Databases: MySQL, MongoDB

Tools: Git, GitHub, GitBook, Docker, Vercel, Azure DevOps, Parallel, Linux, Microsoft Office

EXPERIENCE

Software Quality Assurance Tester — *Jun. 2024 – Present*
UConn CLAS — *Remote*
- Collaborated in an Agile development environment, gaining exposure to the full software development lifecycle (SDLC), focusing on financial management systems for academic stakeholders.
- Developed and executed 200+ test cases, including regression tests, reporting over 50 critical bugs, resulting in a 30% reduction in post-release issues.
- Wrote SQL queries to verify data integrity during software testing, ensuring accurate and reliable test results.
- Implemented automated test scripts, reducing manual testing time by 25%.

Custom Computer Build Specialist — *Jun. 2023 – Sep. 2023*
Self-Employed — *Middletown, CT*
- Assembled over 20 custom desktop computers, tailoring each build to their specific gaming and productivity needs.
- Selected compatible hardware components, optimized for performance and budget.
- Diagnosed and resolved both hardware and software issues, employing systematic problem-solving techniques to ensure optimal performance and reliability of systems.
- Managed inventory and sourced high-quality components, reducing overall build costs by 15%.

PROJECTS

Husky 🟢 *(Python, MongoDB, Docker)*
- Designed a Discord bot using the Discord API to serve a college community of over 500 students, providing assistance for school clubs and supporting course-related questions.
- Developed the bot to be fully open-source and highly customizable in GitHub, allowing others to adapt it for their own use and potentially generate revenue.
- Utilized cloud-based database to manage user and server configurations, ensuring efficient data handling.

Patates Sevenler 🟢 *(JavaScript, HTML, CSS)*
- Led and coordinated a project for a community and its moderation team, ensuring clear tasks and effective collaboration within a community of more than 2,000 members.
- Developed a dedicated website and dashboard hosted on Vercel, and designed custom command scripts that enriched functionality and user experience with features tailored to the community's needs.
- Created comprehensive GitBook documentation, reducing errors among moderators by 20% and increasing engagement.

EXTRACURRICULARS

Cybersecurity Club
UConn Cyber
- Engaged in regular meetings and networking workshops to deepen understanding of network security principles and practices.

INTERESTS

Cyber   AI   Cloud   Fitness   Cars