Sedat Altun

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Qualifications Summary

Dedicated and ambitious professional with a strong foundation in information technology and a passion for enhancing cybersecurity measures. Well-prepared to excel in a challenging **Internship** opportunity to apply classroom knowledge to real-world scenarios while contributing to strengthening organizational security postures.

Cybersecurity Fundamentals

♦ Profound knowledge of cybersecurity concepts, including threat detection, risk assessment, encryption, and network security protocols.

Project Management

♦ Strong analytical and problem-solving skills to manage diverse projects, investigate security incidents, identify root causes, and propose preventive measures.

Team Collaboration

♦ Proven ability to collaborate effectively within cross-functional teams, contributing insights to enhance overall cybersecurity posture.

Key Strengths / Core Competencies

♦ Familiarity with industry-standard security tools and software, such as firewalls, intrusion detection systems (IDS), antiviruses, and vulnerability assessment tools.

Education

Bachelor of Science in Computer Science, (06/2026)
Relevant Coursework: Security & Information Assurance, Software Engineering **-** California State University, East Bay

Full-Stack Web Development Bootcamp Certification - You-Think; Collaborated with Woz-U (2021)
Acquired hands-on experience in frontend and backend development, version control systems, and deployment

Technical Proficiencies

Programming Languages: Python, Java, C++, SQL, JavaScript | **Version Control**: Git, GitHub

Networking Tools: Wireshark, Nmap | **Virtualization**: VMware, VirtualBox

Operating Systems: Windows, Linux (Ubuntu, Kali), MacOS

Internship Experience

You-Think – Huntington Beach   **November 2020 -February 2021**
Intern

- Leveraged full-stack technologies, including HTML, CSS, and JavaScript to develop and optimize a company website. Increased end-user experience by implementing new features to the company's website.

Clarusway- (Student)

- Participated in the comprehensive cybersecurity boot camp spanning various types of attacks, prevention methods, and privacy concerns.
- Successfully graduated in the top 5% of the class and currently preparing for the Security+ exam.

Research Experience

Rubber Ducky Project (with Doctor Levent Ertaul)

- Contributed to the research project involving Rubber Ducky, a USB keystroke injection tool in collaboration with Dr. Ertaul. Explored the tool's capabilities and navigated potential security implications while planning and executing comprehensive experiments at home.
- Delivered effective facilitation in evaluating the impact of USB device attacks on system vulnerabilities and countermeasures. Accurately documented findings and sent in updates to Dr. Ertaul via email.

Key Project: Boggle Game Project, California State University, East Bay-CS301

- Utilized C++ to develop a boggle game solver while implementing recursion and a prefix tree.
- Achieved a parsing speed of 100k words in 23 milliseconds by optimizing data processing.