Carsen Schulz

8323 N Shannon Rd, Apt 21204, Tucson, AZ, 85742 | carsen.schulz@gmail.com | (608) 509-2362

EDUCATION

Villanova University, Villanova, PA   **Graduated: 05.2022**
    Bachelor of Science: Computer Science   GPA: 3.91
    Minor: Engineering Entrepreneurship   Summa Cum Laude Graduate

University of Colorado, Boulder, Boulder, CO   **Expected Graduation: 09.2025**
    Master of Science: Data Science   GPA: 4.00

KEY SKILLS

- Python, SQL, C/C++, Java, MATLAB
- Pipelines, DevSecOps/Architecture/Design
- Scrum Master training and experience
- Active Secret DoD Security Clearance
- Leadership, management, mentoring experience
- Presentation/public speaking skills
- Ability to apply problem-solving techniques
- Critical thinking and communication skills

WORK EXPERIENCE

RTX, Tucson, AZ   **Embedded Software Engineer I**   **07.2022 – Present**
- Serve as Team Lead for a 3-person software development team building weapon system support equipment.
- Serve as Scrum Master for an 8-person embedded software development team building weapon system.
- Responsible for designing low-level architecture, developing requirement-compliant full stack source code, and integrating onto hardware. Collaborate with other teams frequently.
- Maintain communication with Program and Customer leadership via meetings, presentations, and demos.

Lockheed Martin, Valley Forge, PA   **Software Engineering Intern**   **04.2021 – 11.2021**
- Actively contributed on a 21-member Agile-driven software engineering team to develop, secure, and maintain a suite of model-based engineering software application.
- Utilized virtualization concepts such as containerization and CI/CD daily.
- Led a 6-member intern project for Lockheed Martin recruitment improvement, presented to recruiting board.

Raytheon Technologies, Andover, MA   **Quality Technology Intern**   **06.2020 – 04.2021**
- Led data management projects to streamline and automate Quality Engineering processes including quality metrics processing, mission assurance inspections, and user documentation.
- Communicated project status, and trained users on updated applications. Presented to high-executive team.

College Truckers, Villanova, PA   **Campus Co-Founder**   **10.2019 – 10.2020**
- Responsible for all aspects of running a student-led business, including but not limited to Customer Service, Business Strategy, Supply Chain Management, and Finance.

ACADEMIC PROJECTS

Villanova ICE Institute Investment Fellow   **09.2019 – 05.2022**
    Actively engaged in conversation among students and faculty to allocate investment fund money for budding entrepreneurial ventures throughout campus. Apply critical thinking and collaboration skills.

Villanova Engineering Entrepreneurship Summer Institute   (E2SI)   **Summer 2019**
    Participated in summer program to enhance entrepreneurship knowledge, business acumen, and problem-solving skills. Invented restaurant tabletop entertainment device and filed provisional patent.