Chance Patrick Krueger

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Objective

Objective: Computer Science undergraduate with experience as a Course Coordinator and Teaching Assistant in Java/Python, eager to contribute to backend or full-stack development on scalable systems in collaborative teams.

Certifications and Skills

Certifications: Querying Data (Intel), Python and Data (Recording Academy)

Languages: Java, C, Python, SQL, Javascript, MIPS Assembly, HTML, Unix

Technologies and Tools: VS Code, Eclipse, MARS, JUNIT, Git/GitHub, MySQL

Soft Skills: Cross-team Collaboration/Problem Solving, Tenacious Work Ethic

Education

University of Arizona

Tucson, Arizona | Bachelor of Arts in Computer Science | Minor in Business Administration | Expected Graduation: May 2026

- Dean's List with Distinctions (2x) | Academic Year/Academic Distinction | Deans'List

Concentrations: Software engineering/development, structured programming techniques, hands-on coding and testing, scalable system design, and collaborative problem-solving in innovative technologies.

Related Coursework: Object-Oriented Design, System Programming, Discrete Structures, SQL/Data Wrangling, Web Dev, Comparative Programming Languages

Work Experience

Course Coordinator / Undergraduate Teaching Assistant (Object-Oriented Design, Java, Python)
University of Arizona, Computer Science Department
August 2024 – Present | On-Site | Part-Time

- Provide in-class technical support and facilitate student engagement during lectures and labs.
- Host office hours to assist with programming, debugging, and conceptual understanding.
- Grade and correct assignments/exams; assist in creating instructional materials.
- Coordinate TA meetings, organize grading workflows, and maintain consistency across sections.
- Act as a liaison between instructors and TAs; support course logistics and documentation.
- Mentor new UGTAs and contribute to onboarding and team support.

Coding for Data (Data Wrangling with SQL)
The Global Career Accelerator
May 2025 – July 2025 | Remote

- Project-based SQL bootcamp focused on real-world data analysis and wrangling techniques.
- Applied SQL to clean, query, and join datasets from platforms including YouTube, DoorDash, Zillow, and Uber.
- Built a portfolio project analyzing sustainability data for Intel, simulating real industry use cases.
- Gained training in cross-cultural communication and professional online presence.

Barback / Busser / Expeditor / Host
Ketch Brewing Deck – San Diego, CA
2020 – 2025 | Part-Time

- Supported opening operations, trained staff, and filled key roles to ensure smooth service.
- Took on cross-functional tasks across hosting, barbacking, and expo during peak hours.