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, Pandas, Plotly

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 and Python for Data)
The Global Career Accelerator
May 2025 – August 2025 | Remote

- Completed project-based bootcamps in SQL and advanced Python focused on real-world data analysis, wrangling, and business problem-solving.
- Applied SQL and Python (Pandas, Plotly) to clean, filter, aggregate, and visualize datasets from platforms like YouTube, DoorDash, ASOS, Lyft, Spotify, Zillow, and Uber.
- Developed portfolio projects analyzing sustainability data for Intel and website performance for The Grammy Awards, simulating authentic industry challenges.
- Gained training in cross-cultural communication, bias management, and building a professional online presence.

Barback / Busser / Expeditor / Host
Ketch Grill and Taps – 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.