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Jake Christianson
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4-11 28th Street
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Education:

Major: Human-Centered Design and Development, (Information Sciences and Technology), Penn State University, 2026.

Minor: Sociology, (Liberal Arts), Penn State University, 2026.

Skills:

- Proficient in Java, Python, JavaScript, HTML, and Figma.
- Strong analytical and problem-solving skills.
- Excellent communication and teamwork skills.
- Exceed in retaining information quickly.

Work Experience:

- Lifeguard and swim instructor
 - Fair Lawn Community Center, 2019-2021 and in 2023-2024 (5 years)
 - YMCA, State College, 2025-present
 - Attended training courses and maintained CPR certification; Assisted in maintaining pool facilities and recreation areas surrounding the pool; Supervised entertainment activities sponsored by the country club.
- Sprinkles Hawthorne (2018-2021)
 - I would serve ice cream, work the register, help train new employees, and help my boss make improvements to the store.

Projects:

- SustainaBowl – Mobile Application
 - Designed and developed a full-cycle Android application that tracks available food inventory and generates personalized recipes based on ingredients on hand.
 - Conducted user interviews, built prototypes, developed the application in Android Studio, performed follow-up usability testing, and led the project through deployment.
- DealDash AI – AI-Powered Deal Aggregation Platform
 - Created an AI-driven application that uses web scrapers to aggregate and organize the best food delivery deals into a single platform with direct redirect functionality.
 - Conducted user research interviews, developed sketches and Figma prototypes, performed iterative usability testing, and engineered the AI scraping functionality.
- Roomeo – Roommate Management Application
 - Designed a centralized roommate management platform integrating chore tracking, payment management, workload transparency, and AI-assisted conflict de-escalation features.
 - Conducted user research and developed system features to improve accountability, communication, and household coordination.
- Loan Account Hierarchy – Java System
 - Built an object-oriented loan management system where each account object maintains a private principal variable representing the loan amount.
 - Designed structured class hierarchies to model borrowing relationships and financial calculations.

Certifications:

2022: Michael Anthony Motta Scholarship, Street Hockey Scholarship, and Football Association Scholarship