Jonathan M. Lindstrom

202-503-6636 | lindstromhci@gmail.com | http://www.lindstromhci.com | www.linkedin.com/in/jonathan-lindstrom/

Education & Honors

Carnegie Mellon University - Dietrich College   **Pittsburgh PA**
Bachelor of Science in Information Systems and Human-Computer Interaction, Minor in Intelligent Environments   *May 2025*
- GPA: 3.61
- Course Highlights: Designing Human-Centered Software, Database Design, Design of AI Products, Application Design and Development, Intelligent Learning Spaces, Interaction Design Overview, Programming Usable Interfaces

NCAA Student-Athlete: Carnegie Mellon Swim and Dive Team   *Aug 2021 - Present*
- Athletic Honors: CSCAA 2021-2022 and 2022-2023 All-American Honors, UAA All-Academic Honors 2022-2023

Skills and Interests

Skills: Human-centered Design, Wireframing, Figma, Adobe XD, Design Principles, Usability Testing, Prototyping, Mockups
Programming: HTML5, CSS3, JavaScript, Python, Java, Typescript, Ruby, GCode, MongoDB, SQL
Interests: Chess, Springboard Diving, Scuba Diving, Yoga, Billiards, Legos, Marvel Cinematic Universe, Poker, National Parks

Professional Experience

67-262: Database Design & Development   **Pittsburgh PA**
Teaching Assistant   *Aug 2023 - present*
- Led weekly recitations of 22 students, emphasizing safety in database design and providing in-depth instruction to students on best practices for secure data management and SQL fundamentals, ensuring a strong foundation in database development.
- Mentored a team of two students through completing a database design term project, fostering critical thinking and problem-solving skills while enhancing their understanding of database management principles.
- Hosted weekly office hours for 150 students, offering personalized one-on-one support to students, addressing their questions, and providing guidance on coursework, contributing to improved overall class performance.

UChicago's Actuated Experiences Lab   **Chicago IL**
UI/UX Research Assistant   *Jun 2023 - Aug 2023*
- Spearheaded an advanced HCI project and authored an extensive 18-page, 6718-word paper submitted to TEI for publication, demonstrating leadership as one of the three first authors.
- Engineered a dynamic, interactive graphical user interface using HTML, CSS, and JavaScript, emphasizing a user-centric approach for UI/UX optimization.
- Developed a user-centric and easily scalable Python backend, prioritizing UI/UX considerations for enhanced functionality and readability and strong software architecture fundamentals.

67-250: Information Systems Milieux   **Pittsburgh PA**
Teaching Assistant   *Jan 2023 - May 2023*
- Instructed a diverse cohort of 120 students in web development and database development labs, imparting expertise in HTML, CSS, JavaScript, and SQL.
- Guided 50 students, imparting principles of UX design, to enhance both the design and functionality of their web development projects leading to a 10% increase in average grades from the previous year.
- Appointed as the lead teaching assistant for Spring 2024, as the lead web development TA. Entrusted with supervising fellow teaching assistants, leading web development office hours and labs, and overseeing course administration duties.

Carderock Springs Swim & Tennis Club   **Bethesda MD**
Head Dive Coach   *Jun 2019 - Aug 2022*
- Fostered transparency by consistently communicating crucial event logistics to 150 parents through weekly emails.
- Demonstrated adaptability by tailoring coaching approaches to accommodate divers of diverse skill levels, optimizing individual growth and overall team performance.

Academic Projects

CareCompanion   *Sep 2023*
- Performed an in-depth user persona analysis to inform the design of a mobile app, addressing the user's critical pain points.
- Conducted comprehensive user tests to identify weaknesses in my design and refine it through iterative processes.

App Design and Development: Cafe23   *Jan 2023 - Apr 2023*
- Designed a full-stack comprehensive employee management application for a cafe using Ruby on Rails, streamlining scheduling, shift assignments, and communication processes.
- Implemented an intuitive user interface allowing cafe managers to easily create and modify employee schedules.

See in-depth documentation and additional projects at www.lindstromhci.com