

Lucas Pearce

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Education

University of Utah, B.S. Computer Science; B.S. Linguistics; Computational Linguistics Certificate

Expected Graduation: 2026 / GPA: 3.95

- Member of the Technical Coding Club
 - Relevant coursework: Data Mining, Natural Language Processing, Algorithms, Databases
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Experience

Software Engineering Intern — *Lucid Software, Summer 2025*

- Built and optimized product integrations (Scala, TypeScript, Angular) in 2-week sprints.
- Improved Chrome integration load times by eliminating redundant reloads.
- Refactored UI embeds and deprecated legacy integration, reducing tech debt.

Teaching Assistant – *Foundations of Data Analysis — University of Utah, Fall 2025 – Present*

- Supported 200+ students through office hours and online Q&A.
 - Graded coursework and provided feedback to improve learning outcomes.
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Personal Projects

PitchParse (*on Github*)

- Implemented data-driven filtering logic (frequency, minimal pairs, learned status) to output customized study lists for Japanese learners.

Waste-reducing cookbook app (*USU Hackathon 2025*)

- Android app recommending meals from miscellaneous fridge ingredients to reduce food waste.
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Skills

Languages: Python, TypeScript/JavaScript, C-style Languages, R, Scala

Concepts: DSA, Data Mining, NLP, Databases, Machine Learning, Algorithms

Tools/Frameworks: Git/Github, Pytorch, Numpy, MySQL, Unix/Terminal, Agile/Scrum