Lucas Pearce

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github.com/MtGambelOak | linkedin.com/in/lucaspearce | mountgambeloak.dev

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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.

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.

Skills

Languages: Python, JS/TypeScript, Angular, 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