

Jordan Lucas

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SUMMARY

PhD candidate in Computer Science, passionate about leveraging machine learning to enhance products. Experienced in empirical research methodologies and skilled in programming languages like Python and C++. Proven ability to distill complex concepts for diverse audiences and foster collaboration across multidisciplinary teams. Demonstrated success in utilizing academic insights to drive improvements that elevate user experiences. Eager to contribute to innovative projects that translate scientific knowledge into practical solutions. Looking forward to joining a dynamic team where expertise can aid in solving real-world challenges.

EDUCATION

PhD in Computer Science

University of California, San Francisco GPA: 3.9

San Francisco, CA

2027

Coursework: Machine Learning, Data Structures, Statistical Analysis, Artificial Intelligence

TECHNICAL SKILLS

- **Programming Languages:** Python, C++
- **Machine Learning Frameworks:** TensorFlow, PyTorch, scikit-learn
- **Data Analysis Tools:** NumPy, Pandas, Matplotlib
- **Statistical Analysis Techniques:** Regression, Bayesian Methods, Time Series Analysis
- **Collaboration Platforms:** Slack, GitHub, JIRA
- **Development Methodologies:** Agile, Scrum, Waterfall
- **Presentation Software:** PowerPoint, Prezi, LaTeX
- **Writing & Documentation:** Markdown, Microsoft Word, LaTeX
- **Research Methodologies:** Qualitative, Quantitative, Mixed Methods
- **Academic Publishing Tools:** Overleaf, Mendeley, Zotero

SKILLS

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|--------------|--------------------------------|-------------------------|------------------------|
| • Python | • Data Analysis | • Statistical Analysis | • Dataset Manipulation |
| • C++ | • Machine Learning | • Predictive Analytics | • Research Methodology |
| • TensorFlow | • Empirical Research | • Algorithm Development | • Technical Writing |
| • PyTorch | • Cross-Cultural Communication | • Model Optimization | • Peer Review |

EXPERIENCE

Research Assistant

University Project

September 2025 - Present

San Francisco, CA

Supported the development of innovative machine learning algorithms through empirical research. Collaborated with interdisciplinary teams to integrate insights from literature into projects. Utilized tools such as Python and TensorFlow for data manipulation and analysis, driving actionable outcomes. Facilitated presentations to convey findings clearly and effectively to stakeholders from various backgrounds. Aimed to enhance user experiences by identifying scientific opportunities for product enhancement. Contributed substantially to the preparation of research submissions for notable conferences.

- Conducted targeted empirical research on machine learning algorithms.
- Collaborated across disciplines, applying theory to practice.
- Utilized Python and TensorFlow for data manipulation and analysis.
- Presented research findings clearly to diverse audiences.
- Identified avenues to implement scientific improvements.
- Contributed to peer-reviewed journal submissions and conference materials.

Graduate Researcher

Academic Research

January 2024 - August 2025

San Francisco, CA

Led the development of a deep learning model using PyTorch to optimize predictive analytics for social media applications. Analyzed extensive datasets for pattern recognition and algorithm optimization, resulting in enhanced user interaction metrics. Engaged with faculty and fellow researchers to explore cutting-edge methodologies. Successfully represented the research at numerous conferences, receiving commendations from peers and industry leaders. Participated in rigorous peer reviews, ensuring high-quality published outcomes.

- Developed a deep learning model enhancing predictive analytics.
- Performed thorough data analyses, focusing on optimization.

- Engaged actively in collaborative research approaches.
- Presented insights effectively at academic conferences.
- Participated in academic peer review processes.
- Worked closely with external partners for insight sharing.

LEADERSHIP & AWARDS

- Dean's List, University of California, San Francisco, 2024

CERTIFICATIONS

- Machine Learning Specialization  2025

PROFESSIONAL AFFILIATIONS

- AI Research Group Member at University of California, San Francisco
- Volunteer Tech Educator, Local Nonprofit

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST