

# Simon Vega

## Applied Data Science Intern

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📍 Los Angeles, CA, 90001

### STRENGTHS

- 💡 **Analytical Mindset**  
Skilled in breaking down complex problems into manageable components for effective solutions, fostering collaboration.
- 🗣️ **Proactive Communicator**  
Regularly presented findings, illustrating intricate concepts clearly which garnered recognition from faculty members.
- 👥 **Team Player**  
Worked alongside peers in hybrid environments, consistently enhancing group dynamics and project success rates.
- ⚙️ **Creative Problem Solver**  
Adaptive in finding innovative methods for deploying AI-tools across various data settings fostering unique contributions.
- 🔍 **Detail-Oriented**  
Capability of fine-tuning analytical processes, leading towards clear documentation and thoughtful outcomes.

### SKILLS

Python   TensorFlow   Data Analysis

Machine Learning   AI Systems

Graph Theory   Risk Assessment

Team Collaboration

Technical Documentation

AI Technologies

Enterprise Integration

Data Cleaning   Deployment Tools

Algorithm Effectiveness

Problem Solving

Stakeholder Engagement

### SUMMARY

Innovative Computer Science student eager to apply data science skills in real-world settings. Enabled projects involving machine learning, data analysis, and enterprise integration tools that improved organization capabilities. Experience with Python, TensorFlow, and graph theory techniques proved valuable in developing effective predictive models. Handled collaboration within team settings and prepared presentations for diverse audiences, successfully communicating complex findings. Deeply interested in engaging directly with Fortune 500 clients and contributing to impactful AI-driven solutions. Looking forward to professional growth in enterprise AI initiatives and hands-on experience in transforming theories into practice.

### EDUCATION

#### Bachelor of Science in Computer Science

University of California, Los Angeles 🎓 GPA: 3.8 📅 2027 📍 Los Angeles, CA

**Coursework:** Data Structures, Machine Learning, Algorithms, Database Management

### TECHNICAL SKILLS

- **Programming Languages:** Python, Java, R
- **Machine Learning Frameworks:** TensorFlow, Scikit-Learn, Keras
- **Data Visualization Tools:** Tableau, Matplotlib, Seaborn
- **Databases:** MySQL, MongoDB, PostgreSQL
- **Cloud Platforms:** AWS, Google Cloud Platform, Microsoft Azure
- **Project Management Tools:** Trello, Asana, JIRA
- **Version Control:** Git, GitHub, Bitbucket
- **Statistical Analysis Software:** SPSS, SAS, Excel
- **Development Environments:** Jupyter Notebook, PyCharm, RStudio
- **APIs:** REST, SOAP, GraphQL

### EXPERIENCE

#### Machine Learning Researcher

University Project 📅 January 2026 – August 2026 📍 Los Angeles, CA

Engineered a comprehensive research project aimed at creating machine learning predictions using historical financial datasets. Worked collaboratively to analyze trends and present findings amidst academic peers. Ensured alignment of outcomes with expert expectations by engaging deeply in feedback cycles.

- Developed a machine learning model predicting financial outcomes through regression techniques, enhancing accuracy significantly.
- Collaborated closely with team members to analyze data trends, leading to commendable presentations recognized for their clarity.
- Utilized Python and TensorFlow to create scalable models applicable for enterprise-grade tasks.
- Explored graph theory applications to identify relationships in datasets, yielding key insights.
- Participated actively in iterative feedback sessions, refining model performance based on collaborative inputs.
- Documented methodologies and results comprehensively, contributing to later university research publications.

#### Data Science Intern

Academic Research 📅 September 2025 – December 2025 📍 Los Angeles, CA

Contributed to developing an AI-based tool focused on evaluating compliance metrics, with specific emphasis on risk frameworks. Enhanced understanding of rigorous data management while receiving guidance from industry experts.

- Supported development of an AI-driven data analysis tool targeting financial compliance metrics.
- Conducted data cleaning operations, ensuring dataset integrity for machine learning initiatives.

LANGUAGES

|         |            |
|---------|------------|
| English | Native     |
| Spanish | Proficient |

MY CAREER



- Machine Learning Researcher at University Project (7 Months)
- Data Science Intern at Academic Research (3 Months)

- Assisted in designing evaluation frameworks for gauging the effectiveness of algorithms in organizational contexts.
- Presented research findings at departmental events, simplifying complex information for varied audiences.
- Engaged in grant proposal collaborations, outlining project vision and objectives effectively.
- Gained exposure to enterprise-grade data integration practices through mentorship from seasoned professionals.

LEADERSHIP & AWARDS

- Dean's List, University of California, Los Angeles, 2025
- First Place, Campus Hackathon, 2025

CERTIFICATIONS

- Google Data Analytics Professional Certificate 2026
- AWS Certified Cloud Practitioner 2026

PROFESSIONAL AFFILIATIONS

- Member, Computer Science Club, UCLA, 2024 – Present
- Volunteer, Tech for Good, 2024 – Present

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST