

# LUCAS DIONISOPOULOS

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## EDUCATION

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**University of California, San Diego**, San Diego, CA **September 2024 – June 2026**

*M.S. in Computer Science and Engineering: Thesis (AI / Machine Learning)*

- **Courses:** Statistical NLP, AI: Probabilistic Models, Program Synthesis
- **Research:** See website

**Self-Directed Study** **February 2023 – September 2024**

- **Textbooks:** Mathematics for Machine Learning (*Diesenroth*), Introduction to Linear Algebra (*Strang*), Discrete Mathematics (*Rosen*), Understanding Analysis (*Abbott*), Introduction to Algorithms (*CLRS*), Operating Systems: Three Easy Pieces (*Arpaci-Dusseau*)
- **MOOCs:** MIT Introduction to ML (6.036), UW Programming Languages A,B, & C (*Coursera*)
- **Research:** Large review of machine learning research (deep learning, NLP, neurosymbolic programming, evolutionary algorithms). Replicated techniques from several papers and worked on technical personal projects

**University of Wisconsin-Madison**, Madison, Wisconsin **January 2024 – May 2024**

- *Part-time. Courses:* Matrix Methods in Machine Learning, Non-Linear Optimization (*Audit*)

**Washington University in St. Louis**, St. Louis, MO **August 2017 - May 2021**

*B.S.B.A. Major in Finance, Minor in Computer Science*

- Valedictorian; Summa Cum Laude

## EXPERIENCE

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**University of California, San Diego**, San Diego, CA **September 2024 –**

*Teaching Assistant – New Venture Finance*

**Contracting** **September 2024 –**

- **Machine Learning:** Built an anomaly detection system for a San Diego HealthTech company (*Write-up*)

**Financial Technology Partners**, San Francisco, CA **June 2020 – June 2023**

*Investment Banking Analyst*

- Led the creation of full operating models, financial forecasts, diligence presentations, and data analyses alongside client executives; conducted detailed analysis on valuation, governance, and proposed investments
- Worked directly with client management teams and served as a key contact for investors
- Developed internal tooling to improve analyst efficiency and led training sessions for multiple incoming analyst classes on financial modeling, valuation, general productivity, and mental well-being in banking
- **Select transaction experience:** Velocity Global \$400mm Series B, capital raise for \$50mm+ revenue InsurTech company (undisclosed), Circle Internet Financial \$25mm Financing (*Summer Analyst*)

**Washington University in St. Louis**, St. Louis, Missouri **January 2018 – May 2021**

*Teaching Assistant – MGT 100 (4 semesters) and CS 131 (2 semesters)*

## INVOLVEMENT

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**Clean Our Green** (*Article*) **February 2021 – May 2021**

- Founded an initiative to improve local St. Louis parks and green spaces, conducting 21 park clean-ups by engaging 12 unique organizations and 100+ volunteers across the Greater St. Louis Area

## AWARDS

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**John W. Bowyer Award in Finance** **May 2021**

- Awarded to the graduate considered to have the greatest potential for success in a finance career, voted by faculty

**Delta Sigma Pi Scholarship Key** **May 2021**

- Awarded to the graduate with the highest academic average

**Poets&Quants 2021 Best & Brightest** (*Article*) **April 2021**

- Awarded to two graduating seniors from each of the top 50 undergraduate business programs, nominated by faculty for strong academic, extracurricular and professional achievements

**Nebraska Class-A State Tennis Runner-Up (6x)** **2015, 2016, 2017**

**Eagle Scout** **May 2016**

## SKILLS

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**Skills:** Python, NumPy, PyTorch, HTML, CSS, Excel & PowerPoint, Public Speaking, Financial Modeling & Valuation