

# CURRICULUM VITAE

Garrett Seo

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## EDUCATION

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**M.S. Computer Science** **Sep 2024 - May 2026**

*Rutgers University* | GPA: 4.00

- Relevant Courses: Economics and Computation, Foundations of Learning, Natural Language

**B.S. in Computer Science, B.A. in Mathematics** **Sep 2021 - May 2024**

*Rutgers University* | GPA: 3.98 | Highest Honors in Computer Science | Summa Cum Laude

- Relevant Courses: Intro to AI, Real Analysis, Probability Theory, Linear Algebra

## RESEARCH EXPERIENCE

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**Research Assistant - Rutgers University** **Jun 2024 - Present**

- First-author paper analyzing platform entry into third-party products via game theory
- Computed optimal platform and seller strategies using Gittins index in single-seller environments
- Modeled  $\epsilon$ -Nash seller strategies with DeepQ networks (PyTorch) in multi-seller environments
- Paper • Code

**Competitor: Automated Negotiating Agents Competition (ANAC)** **April 2025 - Aug 2025**

- Won 1st out of 17 international teams; results presented at IJCAI 2025
- Built a negotiation agent for sequential one-to-many negotiations with combinatorial deal rewards
- Presentation • Poster • Code

## TEACHING EXPERIENCE

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**Teaching Assistant: Econ & Comp/ Intro to AI - Rutgers University** **Sep 2024 - Present**

- Held office hours and graded homeworks on game theory, auctions, and mechanism design
- Conducted recitations on search, Bayesian networks, reinforcement learning, and neural networks
- Won 2024-2025 Excellent TA Award and received instructional rating 4.7/5.0

## PROFESSIONAL EXPERIENCE

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**Full-Stack Software Engineer Intern - Bluevine** **Jun 2023 - Aug 2023**

- Built back-end data-to-report pipelines, front-end admin tools, and boosted automation by 13%

## PUBLICATIONS

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**Understanding Strategic Platform Entry and Seller Exploration: A Stackelberg Model.**

Garrett Seo, Xintong Wang, David C. Parkes

To appear in *TheWebConf 2026*.

## SKILLS

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**Languages:** Python, Java, C/C++

**Frameworks & Libraries:** PyTorch, Numpy, HuggingFace, Matplotlib, Pandas

**Hobbies & Interests:** Powerlifting, Poker, Teaching, Reading Fiction