

Doug Zeller

[linkedin.com/in/douglas-zeller/](https://www.linkedin.com/in/douglas-zeller/) | dzeller2002@gmail.com | 925.787.6984 | dougzeller.dev

EDUCATION

Colgate University - Magna Cum Laude

B.A. in Computer Science (Graduated with Honors), Minor in Economics

Aug 2020 - May 2024

GPA: 3.67 | CS GPA: 3.79

Coursework: Data Structures and Algorithms, Discrete Mathematics, Computer Systems, Algorithmic Game Theory, Object-Oriented Programming, Computer Networks, Machine Learning

PROFESSIONAL EXPERIENCE

Vituity

Software Engineer

Hybrid / New York, NY

Oct 2024 - Present

- Lead development of four internal platforms, including an Inflect Health initiative and three finance tools used by 10+ cross-functional teams; key contributor to a company-wide system on a 20-person team
- Head the New College Grad Mentorship Program, designing onboarding experiences and the interview process
- Recipient of Vituity's 2025 Brilliance Award for outstanding achievement

Relm.ai

Junior Developer (Contract)

New York, NY

Aug 2024 - Oct 2024

- Developed and deployed dashboards in Grafana using SQL to visualize churn, retention, session length, and growth rates, enabling actionable insights into user engagement and product stickiness

Goldman Sachs

Investment Banking Summer Analyst - Information Services Group (TMT Focus)

Dallas, TX

Jun 2023 - Aug 2023

- Prepared financial models and assisted with due diligence on mergers and acquisitions valued at over \$15 billion
- Automated data sourcing by creating model templates using Excel formulas connected through FactSet and CapIQ, resulting in faster pitch deck creation across the firm

TECHNICAL SKILLS

Programming Languages: Python, Java, C/C++/C#, ARM Assembly, Shell/Bash, JavaScript, SQL

Tools/Frameworks: React.js, Uvicorn, Unity Engine, Git, NumPy, Pandas, OpenPyXL, Pytest, LangGraph

Interests: Full-stack Development, NLP & Gen AI, Agile Management, Data Engineering & Analytics

PROJECTS

Corporate Access Scheduler

- Built full-stack enterprise application using Spring Boot, React, and SQL to automate investor meeting scheduling with a priority-based allocation algorithm and real-time availability tracking

Net Raiders

- Multiplayer game using WebSockets backend and Unity frontend, implementing client-side prediction, server reconciliation, and remote entity interpolation with a custom collision engine

LSTM Chess Player Skill Prediction

- Trained an LSTM neural network on 30,000 chess games to predict player ELO from move sequences, discovering that opening moves are significantly more predictive of skill level

DNS Infrastructure Consolidation Study

- Conducted internet-scale DNS research analyzing 10,000 domains with a custom data pipeline, revealing 47.9% of domains are hosted exclusively on AWS or Cloudflare (up from 37% in 2022)