

# Griffin Miller

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## EDUCATION

### **Stanford University, Stanford, CA**

*Master of Science in Computer Science*

June 2024

*Bachelor of Science and Arts in Computer Science and Music*

June 2023

## WORK EXPERIENCE

### **Fordham University and Hunter College, New York, NY**

August 2024 - Present

*Adjunct Professor*

- Instructed Discrete Mathematics and Advanced C++ Programming courses for undergraduate and graduate students at Fordham University
- Lead Capstone Project course for senior Computer Science students at Hunter College, guiding them through the development and implementation of large-scale, team-based software projects

### **Stanford University, Stanford, CA**

December 2023 - June 2024

*Graduate Course Assistant*

- Assisted with the education of 400 undergraduate and graduate level students in CS 144 (Introduction to Computer Networking) and CS 278 (Social Computing)
- Facilitated discussion sections of fundamental networking principles and social platforms

### **JPMorgan Chase & Co., New York, NY**

June 2022 – August 2022

*Intern, Computer Vision/AI Researcher and Backend Developer*

- Experimented and developed few-shot continual learning computer vision algorithms for future financial model applications
- Designed and deployed a telemetry software development kit on Amazon Web Services (AWS)

### **Los Angeles Dodgers, Los Angeles, CA**

January 2022 – June 2022

*Independent Project, Machine Learning/Mobile App Developer*

- Collaborated to create mobile app dashboard for pitching analysis used by MLB, MiLB, and Stanford Cardinal baseball and designed cloud architecture for project
- Implemented machine learning algorithms with OpenPose for player body and joint detection

### **Hasbro, Providence, RI**

June 2021 – August 2021

*Intern, Cloud and Systems Engineer*

- Managed AWS through Python scripts using command-line interface and delivered infrastructure as code using AWS Cloud Development Kit and Docker images across Gitlab pipelines
- Collaborated on Pulse Mobile app and FunLab web development with engineering team
- Automated mobile app testing and Gitlab runner cleaning with JavaScript and bash programs

### **SongHero, New York, NY**

March 2021 - May 2021

*Intern, Full-Stack Development*

- Facilitated web development for nonprofit crowdfunding music startup
- Recommended and implemented changes for development of new code
- Managed front and back-end design with an established team

**SKILLS AND ACTIVITIES:** Java, Python, C++, C, Bash, TypeScript, HTML, LaTeX; **Stanford Symphony Orchestra** - *Timpani/Percussion* (2019 – Present); **Stanford Philharmonic** - *Principal Timpani* (2019 – Present); **Bowdoin International Music Festival** - *Percussion Summer* (2019); **Boston University Tanglewood Institute Orchestra** - *Timpani/Percussion* (2016 – 2018)

**AWARDS:** Russell A. Berman Award, Friends of Music Scholarship; National YoungArts Foundation Winner-Percussion 2017-2020; Soloist, NPR's From the Top, Show 345-September 2017