**Louis Mullarkey**

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**EDUCATION**

**University of Southern California Los Angeles, CA**

*Master of Science in Game Design & Development*  August 2024 - May 2026

**Emory University Atlanta, GA**

*Bachelor of Arts, Computer Science Major, Philosophy Minor* August 2020 - May 2024

* Cumulative GPA: 3.6
* **Relevant Courses:** Artificial Intelligence, Intro to 3D Visualization, Machine Learning, Computer Architecture, Analysis of Algorithms, Database Systems, Linear Algebra, Probability and Statistics, Systems Programming

**WORK EXPERIENCE**

**iDTech New York, NY**

*Lead Instructor* Summer 2021, Summer 2022, Summer 2023, Summer 2024

* Taught students ages 13-17 Java, Python, and C++ fundamentals including loops, OOP, basic ML, and game design
* Supervised students and ensured their safety throughout the day, including check-in, check-out, and mealtimes
* Responsible for setting up and striking down camp, mentoring newer employees, and overseeing various games/activities

**Katie’s Take Out Otis, MA**

*Cashier/Server* Summer 2020

* Took orders from customers, operated the register, restocked ingredients, and distributed food and drinks
* Prepared ice creams, milkshakes, and root beer floats, and maintained consistent output in a fast-paced environment

**Knox Trail Inn Otis, MA**

*Dishwasher* Summer 2020

* Washed dishes, helped prepare the kitchen and supplies before service, and distributed dry dishes

**PROJECTS**

**Richard (MFA Thesis) Los Angeles, CA**

*Lead Engineer* September 2024 – May 2025

* Coordinated and worked with a team of engineers to create a Unity-based visual novel-style social strategy game
* Implemented backend systems and game flow, as well as created event loading, map, and save/load frameworks

**MCC Highlights Remote**

*Lead Video Writer/Stat Creator/Commentator* July 2021 – July 2023

* Created the “Team Guides” series, where statistical probabilities were calculated for monthly esports tournaments
* Earned over 400,000 views of the series, on a channel that has grown to over 50,000 subscribers
* Calculated said statistical probabilities and optimal strategies, as well as wrote content and coordinated editing

**LEADERSHIP ACTIVITIES & CLUB INVOLVEMENT**

**Dooley Noted**  Fall 2021 – Spring 2024

* Sang bass for Emory’s gender-inclusive, service-oriented A Cappella group, learning and performing music
* Learned music theory and composition, and arranged contemporary arrangements and mashups of pop songs
* Performed live concerts, galas, and competitions, and appeared on Hulu original show “Tell Me Lies”

**NERD Club**  Fall 2020 – Spring 2024

* Created and wrote an original creative setting, including world-building, character writing and improv acting
* Led a weekly game of Dungeons & Dragons with this original setting, bringing members of the club together
* Contributed to the Annual GBM Meeting & Campaign Cabaret, cultivating the work of other game masters

**ADDITIONAL INFORMATION**

**Skills:** Java, C#, Python, SQL, C++, MongoDB, Perforce, 3ds Max, Microsoft Office Suite, Music theory, CPR Certified

**Interests:** Chess, A Cappella, Rock Climbing, Musical Theater, Basketball, Dungeons & Dragons, Esports