Connor (Kip) Gorey

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EDUCATION

University of Southern California (Los Angeles, CA)   Graduation: May 2025
Bachelor of Science: Computer Science / Business Administration (CSBA)

Honors: USC Merit Scholarship, Police Athletic League Scholarship

Relevant Coursework: Discrete Methods, Data Structures and Object-Oriented Design, Applied Python, Principles of Software Development, Algorithms and Theory of Computing, Software Development

EXPERIENCE

USC Marshall School of Business (Los Angeles, CA)   Jun 2023 – Present
NLP Research Assistant
- Sponsored by Professor Tchalian, member of research team using Natural Language Processing (NLP) and machine learning (ML) tools to analyze text-based documents related to specialty products
- Analyzed key factors related to positive changes in consumer sentiment as well as the legal implications of using specific phrasing for product marketing.

Praisidio (Atherton, CA)   Jun 2023 – Aug 2023
Software Development Intern
- Reported to VP of Engineering. Developed a text-based data augmentation script to increase data set size and improve model training and performance.
- Created a python tool using existing ML frameworks such as SpaCy, OpenAI and Hugging Face models to generate text paraphrases for data augmentation and then filtered them for both lexical matches and uniqueness amongst the dataset.
- Managed internal engineering collaboration with Github. Created repository, managed contributions and pull requests in a team.

Mathnasium (Menlo Park, CA)   Jun 2022 – Aug 2022
Math Tutor
Tutor for all levels of mathematics ranging from 5th to 12th grades, including Calculus, Trigonometry, Geometry and Algebra.

Menlo Atherton High School (Atherton, CA)   Jun 2019 – Aug 2019
Laptop Technician
Volunteer position to provide laptops for lower-income high school students. Wiped, rebuilt systems, performed diagnostics and replaced failed components. Securely configured systems for home and school networks.

USC ACTIVITIES

- **Cyborg, Member & Mentee** (USC's cybersecurity club)
- **Global Investment Society** (Explore Program)
- **Hack SC** (annual hack-a-thon)
- **USC Chess Club**
- **USC Club Basketball** (A Team, starter)
- **Phi Sigma Kappa Fraternity**

SKILLS

GitHub Projects: https://github.com/kipgorey
Languages: English, Spanish (ESL-A2)
Business Tools: Microsoft Office (Excel, PowerPoint, Word)
Programming Tools: Python, Java, C++, JS, HTML5, Swift, Swift, React, Spring Boot, Flask, NTLK, Spacy, RESTful API's, MongoDB, SQL, Firebase, Agile, Scrum, Git Workflow, JSON/XML, Mobile App Development - IOS & Android