

Duncan P. Grimes

16605 Pequeno Pl, Pacific Palisades, CA 90272

🌐 duncangrimes.com 📞 (310) 488-2359 ✉ duncan.p.grimes@vanderbilt.edu 📱 duncangrimes

EDUCATION

VANDERBILT UNIVERSITY

Nashville, TN

B.A. in Applied Mathematics and Computer Science | Minor in Business

May 2025

GPA: 3.92 / 4.00 · Cum Laude · Dean's List (all 8 semesters)

RELEVANT COURSEWORK & SKILLS

TECHNICAL SKILLS: Java · Python · C++ · JavaScript · React · PyTorch · TensorFlow · Keras · MySQL

COURSEWORK: Artificial Neural Networks · Mathematical Data Science · Linear Optimization · AI ·

Algorithms · Error-Correcting Codes & Cryptography · Corporate Strategy · Digital Systems

PROFESSIONAL EXPERIENCE

ROSTR

South Bend, IN

Co-Founder | Chief Technology Officer

March 2024 – August 2024

- Founding engineer of a startup built to connect employers and the 66% of college athletes graduating without jobs
- Built and deployed fullstack recruitment software to onboard athletes, filter them, and send matches to employers
- Honed project management skills supervising 4 interns—2 designers, 2 engineers—in *Race To Revenue* accelerator
- Maintained 30% unit test coverage of 40,000 line codebase, used Auth.js for OAuth and role-based access

CONNEXITY

Santa Monica, CA

Machine Learning Intern

July 2024 – August 2024

- Developed a ML model to classify 50M fashion products each day by the gender of the intended consumer
- Post-trained BERT-based text classifier from HuggingFace, deployed to Google Vertex AI for batch predictions
- Tuned model to >93% accuracy compared with Google Gemini, classifying 1M products in under an hour for 60¢

Software Engineer Intern

May 2023 – August 2023

- Built a 1-to-many link monetization model for ShopYourLikes.com (SYL), revenue source for 5,500+ influencers
- Scaled SYL and influencer profit potential by 10x/post by creating sharable "Collections" of product links
- Developed "Collections" backend REST APIs using Java and Spring Boot, created MySQL tables for data storage

MASTRO'S OCEAN CLUB

Malibu, CA

Server's Assistant

May 2022 – August 2022

- Created customer value bussing up to 30 tables with a smile at a fine dining steakhouse seating 450 diners per night
- Managed open and close of restaurant; set/cleared tables; ran bread; made cappuccinos; filled beverages; polished

BEACH CLUB

Santa Monica, CA

Coach

June 2020 – August 2021

- Developed leadership and communication coaching groups of 20 young campers in over a dozen different sports

LEADERSHIP EXPERIENCE

MEN'S CLUB VOLLEYBALL

President | Treasurer | Captain of 2023 DIIAA National Championship Team August 2021 – May 2025

- Directed competitive travel team in 7 tournaments annually, came up with drills and ran practice twice per week
- Captained Vanderbilt's first ever NCVF national championship team, sweeping the DIIAA division in 2023 and selected for 1st Team All-Tournament honors (awarded based on votes from all 24 teams in the division)
- Managed \$8,000 budget for tournaments, travel, and equipment; communicated with team leaders from other schools

VANDERBILT FUSION PROJECT

Control Systems Engineer

September 2022 – December 2023

- Collaborated with multidisciplinary team of engineers to design digital controls for \$30,000 nuclear fusion reactor
- Engaged and negotiated with distributors, researched mass flow controllers, coordinated specs with safety team

CODE IGNITE

Volunteer Instructor

August 2022 – December 2023

- Taught weekly Introduction to Python course to 30 aspiring CS students from Rose Park middle school
- Coached fundamentals of object-oriented programming while helping students develop their own individual games

INTERESTS & ACTIVITIES

Interests: Mechanical keyboards · Manual cars · Mountain biking · Grilling · Singing · Shark Week

Activities: Vanderbilt Sports Business Club · Manhattan Beach 6 man · Intramural flag football & wiffleball