Andy Kapoor

16 Brentwood | Irvine | California
Email: andyklego@gmail.com
Phone: (949)-413-0675

Education:
Crean Lutheran High School Graduate (2021)
    Engineering and Medical Cohorts
Current Honors Student at Concordia University Irvine
    Biochemistry major
    Computer Science minor

Certification and awards:
Congressional Award Gold Medal
Congressional Award Diversity Ambassador
Community Emergency Response Team (CERT)
First Aid
CPR
Dean's List
3rd in Presidential Academic Showcase for Molec. Biology

Extracurricular:
Molecular Biology Research for Amyotrophic Lateral
    Sclerosis (ALS)
Molecular Biology Laboratory Manager
Autonomous drone development and research
President of CUI Phi Delta Epsilon Branch
President Representative of CUI Association of Computing
    Machinery Branch
Vice President of CUI American Chemical Society Branch
Member of Omicron Delta Kappa National Leadership
    Honors Society
Member of Beta-Beta-Beta Biological Honor Society
Former Symphony Orchestra Member; Cellist

Volunteering Experiences:
Math and Science tutor for ShareTrees Nonprofit
Former Volunteer at Kaiser Permanente Emergency Room
Former Volunteer at Sand Canyon Urgent Care
Former Volunteer at Simply Orthodontics
Volunteer at Concordia University Irvine Marine Lab
Shadowing Neurosurgeon at UCI Medical Center
Shadowing Orthopedic physician at private practice
Shadowing Pediatric Cardiologist at Kaiser Permanente

Andy Kapoor

Shadowing ICU Pulmonary Physician

Job Experience:
SCCWRP Microbiology Lab Part-Time Employee
SCCWRP Bioinformatics Part-Time Employee
Proof 99 Part-Time Employee
Molecular Biology Laboratory Manager
Biology Tutor
Teaching Assistant: Molecular Genetics
Teaching Assistant: Biology 111
Teaching Assistant: Biology 112
Teaching Assistant: Neuroscience
Former Chick-Fil-A employee

Relevant Courses:
Fundamentals of Programming (C#)
Data Structures (C#)
Introduction to Networking (Python, C#)
Programming Languages (Python)
Computer Architecture and Assembly
Numerical Analysis

Related Projects:
QIIME 2 16S Sequence Analysis in Linux
Creating Custom Gene Sequence Databases in Linux
Data Checks for Environmental DNA Experiments
State COVID Population Data Visualization
River CurrentFlow Data Visualization
Small Binary File Client and Server (Networking)
Markov Chain Text Generation
Sorting algorithms (Data Structures)
Monte Carlo Circle Area Prediction
Basic UDP chatbot
UPC Barcode Encoder
Playfair Cipher Encryption and Decryption Algorithms
Image Manipulation with Python CImage Library
Numerical Analysis Convergence Algorithms (In Python:
　　　　Bisection Method, Fixed Point Iteration, Newton's
　　　　Method, Muller's Method, Neville's Method, Cubic
　　　　Spline Interpolation, Richardson's Method)