Kevin Yang

kevin_yang@ucsb.edu ❖ (669) 666-0031 ❖ San Jose, CA   https://github.com/lem0000ns

EDUCATION

University of California, Santa Barbara   **Expected Graduation Date: June 2026**
Bachelor of Science, Major in Computer Science, Minor in Linguistics   *Santa Barbara, CA*
- GPA: 3.9/4.0
- Regents Scholar (top 2% of admitted freshmen), College of Engineering Honors Program
- **Relevant coursework:** Problem-Solving in C++, Discrete Mathematics, Assembly, Data Structures and Algorithms, Intro to Computational Science
- **Clubs:** Association for Computing Machinery, Data Science Club, Korean Language Club, Running Club

RELEVANT EXPERIENCE

NBA Data Fetcher   **2024 – present**
Lead Developer   *San Jose, CA*
- Built dynamic web service featuring tools to explore NBA-related data, including specific stats, lists of game statlines, and a player-ranking system to provide data-driven insights into the NBA
- Automated backend processes including daily extraction of 30+ MB player data with Python script, ensuring an up-to-date database containing the latest version of games and events
- Implemented frontend features such as autocomplete, which reduced result retrieval time by 71%, stat percentiles, and 500+ unique player profiles to further enhance user experience by providing statistics with visuals

UCSB Summer Research Academies   **2022**
Research Intern   *Santa Barbara, CA*
- Led 4-week research project investigating the influence of product packaging behavior on consumer buying behavior to provide data-backed evidence of potential marketing strategies
- Web-scraped more than 17,000 products from online shopping platforms for future data analysis and aggregations
- Authored 12-page research paper detailing methodologies used, data visualizations, and future implications and presented findings to more than 300 peers and professors

IvyMax   **2024 – present**
APCS Part-Time Instructor   *San Jose, CA*
- Instructed 10 high school students through 6 weekly lectures and practice material on key AP Computer Science concepts
- Created comprehensive weekly lesson plans and practice exams on Google Classroom, including more than 12 free-response questions and 100 multiple-choice to thoroughly prepare students
- Facilitated participation and engagement during lectures and practice exam sessions with discussions and 10 interactive polls to foster proactive learning environment

Silicon Valley Basketball Club   **2022 – 2023**
Head Coach   *San Jose, CA*
- Collaborated with 2-3 other coaches in leading weekly sessions for group of ~10-30 elementary school students on basketball fundamentals and drills to promote a fun and engaging learning environment
- Improved session attendance by 50% through mentorship of other prospective coaches, development of weekly lesson plans, and consistent communication with program supervisors to address concerns and provide updates

AWARDS AND SKILLS
- **Awards:** National Merit Finalist, National Spanish Exam Gold Medal (top 5%), AP Scholar with Distinction
- **Programming Skills:** Python, Java, C++, Javascript, Typescript, React, Next.js, HTML/CSS, Tailwind, Web-Scraping
- **Cloud Infrastructure:** AWS (Glue, MySQL, S3, Lambda, API Gateway, IAM, VPC, Cloudfront)
- **Data Handling/Version Control:** JSON, SQL, Full-Stack Development, Git, Relational Databases, Unix