

ISAAC NGUYEN

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EDUCATION

University of California, Irvine

Expected Graduation June 2027

B.S. of Computer Science

Irvine, CA

GPA: 4.0/4.0

- Relevant Coursework: Discrete Mathematics, Boolean Algebra & Logic, Python Programming Series

Palos Verdes Peninsula High School

September 2019 - June 2023

Cumulative GPA: 4.0/4.0, 4.886/5.00

Rancho Palos Verdes, CA

- Graduated Valedictorian, Awarded Mu Alpha Theta Scholarship
- Activities: FRC Robotics, TSA TEAMS Captain, Science Bowl Main Team, Honor Societies

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, C++, HTML/CSS, Java, SQL

Technologies/Frameworks: ReactJS, Node.js, Express.js, Flask, RESTful API, Firebase, Git, VS Code

PROJECTS

Faster Fashion | [GitHub](#) | *Flask, JavaScript, Python, PostgreSQL, HTML/CSS*

January 2024

- Won **Best Use of Google Cloud API** at IrvineHacks 2024 (340+ participants); team of 3
- Implemented Google Cloud Vision AI into **full-stack application** that detects articles of clothing in inputted images and suggests similar pieces of clothing found online
- Developed algorithm to compare clothing against clothing in web scraped database of **500+ articles** of clothing

Moove | [GitHub](#) | *ReactJS, Node.js, Express.js, Firebase, RESTful API*

May 2024

- Won **Best Use of Melissa API/Data Sets** at VenusHacks 2024 (170+ participants); team of 4
- Constructed web app tailored towards helping college students move out via property ownership verification and financial advice
- Spearheaded development of storage of property verification keys and addresses via Firebase and Express.js/Node.js backend
- Designed user-friendly landing page and question query pages using **ReactJS**

EXPERIENCE

South Bay Math Circle

March 2020 - June 2023

Curriculum Board Member

Rancho Palos Verdes, CA

- Guided and inspired **200+ students** (grades 4-8) in competition-based mathematics
- Conducted weekly educational sessions, delivering engaging lectures to student groups
- Formulated and curated a comprehensive curriculum tailored to optimize student learning experiences
- Orchestrated and established a secure environment for math tournaments and competitions

Independent Tutor

August 2021 - June 2023

Private Tutor

Rancho Palos Verdes, CA

- Tutored **5 high schoolers** in subjects such as chemistry, algebra, geometry, and calculus
- Organized one-on-one sessions with students, giving feedback and patiently working them through problems
- Received clients through praise passed through word-of-mouth from parents of clients

HONORS & AWARDS

Letter of Commendation

September 2022

- Issued by National Merit Scholarship Program
- Awarded for scoring in the **top 2%** of PSAT scorers nationwide (~34,000/1,500,000)