Kofi Kim

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EDUCATION

Haverford College — Haverford, PA
B.S. Physics, B.S. Computer Science — *Aug 2025 – Present*
- **GPA: 4.00/4.00**
- Teaching Assistant for PHYS 106: Foundations of Physics II
- Intending to Pursue 4+1 Accelerated Master's in Mechanical Engineering with *University of Pennsylvania*
- **CMO**, Haverford Venture Capital and Private Equity Club
- **Events Board Member**, Pan Asian Resource Center
- NCAA Division III Track and Field Athlete

EXPERIENCE

Investment Analyst Intern — Jun 2025 – July 2025
Crownhall Group — *Palo Alto, CA*
- Conducted qualitative and quantitative research on potential investments, evaluating company fundamentals, leadership teams, financial statements, and product differentiation
- Researched the aerospace and defense industry landscape, comparing performance and strategy between established firms and emerging startups
- Built market maps to visualize competitive dynamics, whitespace opportunities, and investment theses across subsectors

Sales Associate — Aug 2025 – Present
Alo Yoga — *Ardmore, PA*
- Delivered high-touch customer service to hundreds of customers per shift in a fast-paced retail environment
- Served as first point of contact (greeter), fitting-room assistant, and cashier

Flight Simulator Instructor — Jun 2023 – Jan 2025
Hiller Aviation Museum — *San Carlos, CA*
- Instructed 25–30+ participants per day in an FAA-certified full-motion flight simulator
- Led fully simulated VFR flights (SFO–Half Moon Bay), teaching taxi, takeoff, cruise, landing, navigation, ATC communication, and avionics usage in an FAA-certified full-motion simulator
- Explained aerodynamic physics and aircraft systems to audiences ranging from children to adults (ages 5–80)
- Strengthened public speaking, technical communication, and instructional design skills in a museum setting

Private Pilot — Sep 2022 – Present
West Valley Flying Club — *Palo Alto, CA*
- FAA-certified private pilot with 150+ hours, 350+ landings; experience in C172SP (G1000) and DA40 (G1000nxi) aircraft
- Demonstrated strong workload management, risk assessment, and safety-critical decision-making

PROJECTS

Aerodynamic Physics Science Research | *Python, Electrical Engineering, Power Tools, CAD, 3D Printing*
- Designed and constructed a custom wind tunnel to experimentally study aerodynamic physics
- Investigated methods to reduce form drag and parasite drag across multiple geometries
- Collected and analyzed experimental data to optimize drag balance and flow characteristics
- **Awarded** Nabila Maazouz Science Research Award

Autonomous Vehicle Simulation | *Python, C#, Neural Networks, Machine Learning, Unity*
- Developed and trained a neural network to autonomously pilot simulated vehicles (aircraft, automobiles, ships)
- Tested performance in obstacle-dense and adverse environments, emphasizing robustness and adaptability
- **Awarded** USAF Science Research Award and PNW Scientist Honorable Mention

ADDITIONAL

Skills: Java, Python, C#, Git, HTML/CSS, VS Code, PyCharm, NumPy, Matplotlib, Premiere Pro, Photoshop
Interests/Hobbies: Space Exploration, Aviation, Snowboarding, Surfing, DJing, Weightlifting, Basketball
Languages: Elementary Mandarin and Spanish; Beginner German
Certifications: Private Pilot (FAA), Open Water Scuba Diver (PADI), Pursuing Instrument Rating (FAA)