

FRANCIS INDAHENG

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EDUCATION & COURSEWORK

University of California, Berkeley — M.E.T. Program

Expected May 2022

B.S. Electrical Engineering & Computer Science

GPA: 4.0

B.S. Business Administrations

- **Regents' and Chancellor's Scholar** (\$10,000 Scholarship)
- **Related Coursework:** Structure and Interpretation of Computer Programs, Designing Information Devices and Systems, Linear Algebra, Multivariable Calculus, Macro/Microeconomics, Entrepreneurial Leadership in a Tech World

Santa Teresa High School, San Jose, CA

2014– 2018

- Valedictorian, National Merit Commended
- MESA President, NHS President, CSF Secretary
- SAT I: 1510 (740R&L/770M), SAT II: Physics: 800, Math 2: 800

RELATED EXPERIENCE

eBay Inc., San Jose, CA

Sep. 2018 – Present

Strategy Consultant (Contract)

- Consulted for eBay to improve search engine optimization (SEO) strategies and identify premier markets to focus on.
- Coded models in **Python (Numpy and Pandas)** using **1,000,000 points of data** (search query records) provided by eBay.
- Worked in direct contact with and presented deliverables to the Lead Product Manager of eBay's Search Ranking team.

SolarSmartClean, San Jose, CA

Feb. 2017 – Aug. 2018

Co-Founder, Chief Marketing Officer

- Co-founded solar panel start-up, which develops automated, self-cleaning solar panels with an intelligent rotating capability to orient panels towards direction of maximal solar intensity.
- Earned **\$1k in seed funding** and first place in the Silicon Valley Pitchfest startup competition, after presenting to VC's.
- Wrote and published article detailing the event in an online news source (IndiaPost).

Perception Science Research Internship, Berkeley, CA

Jul. 2017 – Aug. 2017

Research Intern

- Developed **MATLAB code** used to conduct a controlled perception experiment in auditory outlier detection.
- Assisted in the writing of a research paper that introduced a follow-up query for a new experiment concerning the effects of linguistic stimuli, resulting in my team's presentation to the program director.

LEADERSHIP & ACTIVITIES

Valley Consulting Group, Berkeley, CA

Sep. 2018 – Present

Strategy Consultant

- Not-for-profit management consulting firm working exclusively with industry-leading technology companies in Silicon Valley, providing strategic solutions to vital business challenges faced by its clients.
- Receives nearly 1,000 applications each year, with an acceptance rate of just 1%.

Math Engineering Science Achievement, San Jose, CA

Aug. 2015 – May 2018

President

- Lead 80+ members to train for and compete in various STEM competitions, effectively winning 55% of all awards.
- Coached three "National Engineering Design Competition" (NEDC) teams to sweep 1st, 2nd, and 3rd place at both Local and Regional competitions, with one team proceeding to earn 2nd in the State competition.
- Developed a new system of "Project Leaders" to micromanage project groups, which increased club's Regional awards by over 200% compared to the previous two years combined.

SKILLS

- **Computer/Programming:** Java, Python, Scheme MATLAB, Microsoft Office
- **Relations:** Consulting, Public Speaking, Leadership, Management

AWARDS & ACHIEVEMENTS

- 1st Place at SJSU's National Engineering Design Competition March. 2018
- Eagle Scout Rank of Troop 219, 25 Merit Badges, CPR Certification Oct. 2017
- 2nd Place Statewide Virtual Computer Science Contest April 2017
- 2nd Place at SJSU's Prosthetic Arm Competition March 2017
- 1st Place "Einstein Award" at Sciencepalooza Science Fair {2x} Feb. 2016/2017
- 1st Place "Best Delegate" at Pacific Model United Nations Conference Nov. 2016