Nathan Lin

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Education

University of California, Los Angeles   October 2020 - Present
Major: Computer Science | Henry Samueli School of Engineering
Coursework: Intro to Programming Using C++, Discrete Structures, Differential Equations

Mission San Jose High School   August 2016 - June 2020
Valedictorian GPA : 4.0 | SAT: 1560
Awards: National AP Scholar, National 1st Place DECA Virtual Business Challenge, Varsity Basketball Team
Captain, 3x Presidential Volunteer Service Award - Gold, USACO Silver Division

Experience

Cisco Systems Inc.   Milpitas, CA
Engineer Intern   July - August 2019
- Interned under technical marketing engineer and learned Cisco's product management and marketing
- Developed a Python-based application using Flow Specs protocol to interact with security appliances

Santa Clara University - Leavey School of Business   Santa Clara, CA
Data Analyst Intern   June - August 2019
- Collaborated in data analytics and information research projects with data analyst professor
- Developed a tweets spam/ham classifier using Python Pandas and Scikit-Learn libraries

Wayne Ting and Associates Inc.   Fremont, CA
Associate Civil Engineer   June - August 2019
- Shadowed principal civil engineer on consultation and inspection of construction sites
- Geological analysis of pavement design through laboratory testing to identify soil conditions

Blackloud Inc.   Fremont, CA
Maintenance Tech   May - September 2017
- Executed diagnostic test scripts against over 4500 units of BUZZI wireless smart plugs
- Organized historical results in spreadsheets and presented charts to the R&D department

Research

California State Summer School for Mathematics and Science (COSMOS)   June - July 2018
- Published COSMOS research poster on the nanoscopic applications of graphene through the Physics of
  Waves cluster: Lin, N., McGreevy, C., and Popper B. "Graphene Instruments."

Aspiring Scholars Directed Research Program (ASDRP)   June - August 2018
- Published ASDRP research paper under Data Science and Big Data: Lin, N. and Zhu, D. "Analyzing Real
  World Datasets with Data Science and Python." *ASDRP Communications*, Vol. 1, pp. 176-178

Leadership

MSJHS Class Council   August 2018 - June 2019
Junior Class Secretary
- Organized and documented meetings for ASB officers as well as school social clubs
- Scheduled events for the Junior Class, including Homecoming, Multicultural Week, and Junior Prom

MSJHS Class Council   August 2016 - June 2017
Freshman Class Treasurer
- Managed budget of over $12k for the 500+ members of the freshman class
- Oversaw class budget, organized school fundraisers, and scheduled Homecoming events

Giraffe Learning Center Inc.   June 2016 - June 2019
Summer Camp Lead Counselor
- Organized cultural and educational activities and events during Chinese cultural summer camp

Fremont Youth Basketball Club (FYBC)   June 2017 - June 2019
Assistant Coach
- Coached 3rd-5th grade basketball team practices to compete in local tournaments

Skills

Technical: C++, Java, HTML/CSS | Language: English, Mandarin | Learning: JavaScript, Python