Steven Ngo

Software Engineering Undergraduate / Teaching Assistant
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Education

B.S. in Software Engineering, Minor in Psychology   Sep. 2019 - Present
California Polytechnic State University, San Luis Obispo
Overall GPA: 3.89

High School-Community College Dual Enrollment   Aug. 2017, Jun. 2019
Moorpark College
Overall GPA: 4.00

Research Experiences

Leftover Mutants in Mutation Analysis with Conditional Coverage   Aug. 2022 - Present
Cal Poly Comp Sci and Software Eng Dept
Mentor: Dr. Ayaan Kazerouni

Modeling Human Behavior in Cyber-Physical Systems   May 2022 - Aug. 2022
USC Info Sciences Institute Research Experience for Undergrads (NSF)
Mentors: Dr. Luis Garcia and Dr. Dave DeAngelis

XSOC CORP Cryptographic Benchmarking and Analysis   Dec. 2021 - Jun. 2022
Cal Poly Comp Sci and Software Eng Dept
Mentor: Dr. Zachary Peterson

Software Security Analysis of Internet-of-Things Applications   Jun. 2020 - Nov. 2020
Cal Poly CENG Summer Undergraduate Research Program
Mentor: Dr. Phoenix (Dongfeng) Fang

Teaching Experiences

Cal Poly Comp Sci and Software Eng Dept   Jan. 2021 - Present
Teaching Assistant
- Fall Quarter 2022
    - CPE321, Intro to Computer Security (4 sections)
- Fall Quarter 2021
    - CPE321, Intro to Computer Security (2 sections)
    - CSC305, Individual Software Design & Development (1 section)
- Winter Quarter 2021
    - CPE321, Intro to Computer Security (1 section)

Work Experiences

Cal Poly Software Engineering Capstone   Sep. 2021 - Jun. 2022
Group Member (Team fEMR)

GoDaddy   Jun. 2021 - Sep. 2021
Product Security Intern - Software Development

County of San Luis Obispo   Oct. 2019 - Jun. 2021
HR Technology Student Intern

Sodexo   Jul. 2018 - Jul. 2019
Summer Intern - Preparation Cook

Posters

S. Ngo, D. DeAngelis, L. Garcia. "Modeling Human-Cyber Interactions in Safety-Critical Cyber-Physical/Industrial Control Systems". *National Workshop for REU Research in Networking and Systems* (**REUNS**), October 22, 2022.

Service and Extracurricular Activities

Cal Poly Noyce School of Applied Computing New Director Search   Oct. 2022 - Present
Computing Student Representative

Cal Poly Security Education Club   Sep. 2019 - Present
President, Corporate Officer, Malware Tech. Team Member

Cal Poly CSSE Dept Winter 2022 New Faculty Search   Feb. 2022 - Mar. 2022
Student Feedback Group Member

Honors, Awards, Prizes

Northrop Grumman Foundation Scholarship Endowment   May 2022

Cal-Bridge Computer Science and Engineering Scholarship   Jun. 2021 - Present

California Assembly Award of Recognition   Jul. 2019
Awarded by Assemblymember Jacqui Irwin, CA 44th District

Boy Scouts of America Eagle Scout Rank   Aug. 2018