

Steven Ngo

Software Engineering Undergraduate / Teaching Assistant

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Github: github.com/StengoS

Education

B.S. in Software Engineering, Minor in Psychology

Sep. 2019 - Present

California Polytechnic State University, San Luis Obispo

Overall GPA: 3.89

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

Group Member (Team fEMR)

Sep. 2021 - Jun. 2022

GoDaddy

Product Security Intern - Software Development

Jun. 2021 - Sep. 2021

County of San Luis Obispo

HR Technology Student Intern

Oct. 2019 - Jun. 2021

Sodexo

Summer Intern - Preparation Cook

Jul. 2018 - Jul. 2019

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.

S. Ngo, P. Fang. "Software Security Analysis on Internet-of-Things Application." *Cal Poly College of Engineering Summer Undergraduate Research Virtual Symposium (CENG SURP)*, October 2, 2020.

Service and Extracurricular Activities

Cal Poly Noyce School of Applied Computing New Director Search

Computing Student Representative

Oct. 2022 - Present

Cal Poly Security Education Club

President, Corporate Officer, Malware Tech. Team Member

Sep. 2019 - Present

Cal Poly CSSE Dept Winter 2022 New Faculty Search

Student Feedback Group Member

Feb. 2022 - Mar. 2022

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

Awarded by Assemblymember Jacqui Irwin, CA 44th District

Jul. 2019

Boy Scouts of America Eagle Scout Rank

Aug. 2018