

Bryce Tsuyuki

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Work Experience

Bay Area Cyber Competitions

San Francisco Bay Area, CA

INSTRUCTOR

May 2019 - Aug. 2019

- Taught introductory and advanced cybersecurity skills summer camps for middle and high school students
- Developed, tested, and deployed various online competitions involving hundreds of students

California State University, Fullerton - Computer Science Department

Fullerton, CA

INTERN

Jun. 2018 - Aug. 2018

- Researched applications of cybersecurity in healthcare under Professor Shawn Wang and authored a report about the findings

CyberPatriot Program at Coastline Community College

Garden Grove, CA

VOLUNTEER MENTOR

Sep. 2016 - Present

- Taught middle and high school students how to secure Windows and Linux workstations and servers at Coastline Community College

Honors & Awards

2018 - 19 **National Semifinalist**, CyberPatriot National Youth Cyber Defense Competition

2018 **Eagle Scout with Bronze and Gold Palms**, Boy Scouts of America, Orange County Council, Troop 811

2018 **3rd Place**, Orange County Mayors' Cup Cyber Defense Competition

2016 - 17 **Regional Finalist, Gold and Platinum Tiers**, CyberPatriot National Youth Cyber Defense Competition

Education

University of California, San Diego

4.0 GPA

B.S. IN COMPUTER SCIENCE, MINOR IN POLITICAL SCIENCE

Sep. 2019 - Jun. 2023

- UCSD Regents Scholar - awarded to entering undergraduate students based on academic excellence
- Warren College Honors - awarded to undergraduate students based on academic excellence in previous quarters

Valencia High School

4.0 GPA

HIGH SCHOOL DIPLOMA

Sep. 2015 - Jun. 2019

- International Baccalaureate Diploma
- Valencia Technology Diploma - Computer Science Pathway

Extracurricular Activities

Association for Computing Machinery at UC San Diego

La Jolla, CA

STAFF DIRECTOR

Nov. 2019 - Present

- Connected 50+ volunteer staff members with instructional workshops and opportunities on a regular basis

CyberPatriot Program at Valencia High School

Placentia, CA

PRESIDENT

Sep. 2017 - Jun. 2019

- Developed teaching curriculum for securing Windows and Linux workstations and servers, and completed logistical tasks for team administration

Personal Projects

FlyerScanner App (Project for SDHacks 2019)

Android App

BACKEND DEVELOPER

- Utilized AWS Comprehend ML to analyze photos of event flyers, and ical4j library to manage events and generate .ics files for event export

Cyber Activity Tracking System

Java Desktop Application

LEAD DEVELOPER

- Integrated with the Google Sheets API, Google Forms, and OAuth, for triaging and troubleshooting geographically disparate competition issues

Skills

DevOps Amazon Web Services, Google Cloud Platform

Frameworks React, MongoDB, Java Swing, Google Sheets API

Programming Java (including Android), C, C++, JavaScript, PowerShell

Tools Git, Unix tools, Microsoft Office, LaTeX

Systems Administration Microsoft Windows and Windows Server, Linux, Apple macOS

Languages English, Spanish