

# 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

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

**Languages** English, Spanish