# Bryce Tsuyuki

☐ (714) 357-1615 | ✉ btsuyuki1@gmail.com | ⌂ hexalellogram.github.io | ⌗ hexalellogram | in bryce-tsuyuki

## 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 |