



## CONTACT ME AT

- ✉ [tapia.nicholas@gmail.com](mailto:tapia.nicholas@gmail.com)
- 💻 [tapzx2.github.io/personal-site](https://tapzx2.github.io/personal-site)
- 🔗 <https://github.com/tapzx2>

## CERTIFICATIONS & AWARDS

- 📖 TryHackMe Top 4%, 2022
- 📖 Vanilla JS Academy Certification, 2022
- 📖 CompTIA CySA+
- 📖 CompTIA Security+
- 📖 CompTIA Network+
- 📖 IT Support Professional Certificate, (Google 2020)
- 📖 UC Berkeley, [In]City Planning Summer Intensive, 2012
- 📖 1st, Tango Salon, 2014 USA Tango Championships
- 📖 1st, Team Ensemble, 2019 National Jitterbug Championships
- 📖 2nd, Collegiate Shag, 2020 National Jitterbug Championships

## EDUCATIONAL HISTORY

University of Southern California  
GIS Certificate | Jan 2013 - Aug 2014

- Studied database structures, remote sensing, site suitability analyses, and cartography.
- Worked with various startups in need of GIS solutions.

UC Santa Barbara

BA Latin American and Iberian Studies | Aug 2006 - May 2011

- GPA: 3.4
- Studies focused on the effects and consequences of globalization during and after the Spanish empire.

# NICHOLAS TAPIA

## CYBERSECURITY ANALYST

### PERSONAL PROFILE

I am interested in impactful work that makes use of my skills and contributes to the world, especially in the field of computer security.

### WORK EXPERIENCE

#### Cyber Security Associate

JP Morgan Chase | July 2021 - present

- Promoted a culture of promote a culture of shared and consistent knowledge. Fastidiously documented processes and infrastructure manuals used by team. Worked with team members to extract their procedures and collaboratively turned them into a shared knowledge repository.
- Configured and maintained virtual machines and networks in vSphere.
- Designed, implemented, and troubleshot networks with virtualized hosts, routers, servers, and firewalls. Technologies including: pfSense, Fortigate, \*nix, Windows Server, Apache, ModSecurity, and NSX.
- Configured and implemented basic Splunk data collection and indexing.
- Collaborated with department heads to design cybersecurity courses to uplift and fill knowledge gaps for their teams.
- Regularly learned new technologies through self paced learning and research without manager oversight and implemented them on short time tables.
- Implemented automated tools for tracking our product. Technologies: JavaScript Node, Python, Pandas, Bash, HTML, and Git.
- Designed and coded the internal landing page for the Cyber Range.

#### Apprentice

JP Morgan Chase | April 2021 - July 2021

- Learned the different components of JPMC's cyber security infrastructure.
- Learned how to build and deploy virtualized networks in vSphere.

#### Entrepreneur

Startups and Ventures - Various | January 2009 - March 2020

- Built spacial databases, performed data manipulation and munging in Python and Pandas; automated the conversion of spatial data from analog to digital.
- Planned, designed, and taught a multi hour online course in Argentine Tango.
- Designed and automated payment processing and room reservation systems with Zapier.
- Designed and implemented physical and digital security systems for a small business.

### SKILLS

**Operating Systems:** Microsoft Windows, Mac OS, and Linux

**Languages:** Bash, JavaScript, Python, HTML, CSS, SQL

**Databases:** MySQL, PostgreSQL

**Firewalls:** pfSense, Fortigate, ModSecurity

**Security Tools:** Kali Linux, OSINT Suite, nmap, metasploit, Burpsuite, fuzzing, Wireshark, Splunk

**Version Control:** git, Github, Bitbucket

**Project Management:** Agile, Scrum