

Benjamin Huang

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EXPERIENCE

Product Security Engineer II

Jun '20 – Present

Boeing Company

- Assess product risk & compliance per NIST 800-53/30 by collaborating with stakeholders, third parties, and cross-functional experts to maximize resiliency, minimize vulnerability, and deliver 20+ deliverables
- Perform vulnerability scans using Nessus, Fuzzing, and Nmap (WireShark) to identify CVEs/CWEs
- Monitor Splunk and Windows Event Logs for malicious activity on end point devices in labs
- Organize incident and vulnerability lifecycle when events affect programs, products, and services
- Review static code analysis findings to verify false positives/negatives for Software Assurance Reports
- Ensure compliance by running SCAP scans on endpoint devices, performing STIG analysis on software components, and creating SMEs questionnaires for System Security Plans (GRC)
- Assess security controls for applicability, trace security controls to requirements, and verify compliance
- Research and present new cyber tools such as SCAP & ACAS and how it can improve cyber resiliency

Technology Solutions Analyst

Jun '19 – Aug '19

MUFG Union Bank

- Wrote DataMart SQL scripts to generate quarterly staff performance reports on Tableau for Director
- Managed user accounts and developed a Global Audit site for methodology/artifacts using SharePoint
- Utilized SharePoint/InfoPath/Access to create audit tools such as QA Checks and Issue Ticket Management
- Presented & proposed Jira to Chief Officers to introduce a more efficient method of tracking tickets/projects
- Assisted with the Agile methodology by updating Jira and Confluence

IT Coordinator and Technician

Aug '18 – Jun '20

Stony Brook University

- Managed and implemented new 2nd and 3rd shifts that improved client satisfaction and decreased average incident response time from 3 hours to 15 minutes (92% decrease)
- Utilized ITSM to prioritize & remediate tickets (OS reimaging, malware, networking, SW/HW issues)

SKILLS

Programming: Java | HTML | CSS | React | Python | MySQL | C++ | System C | Assembly | VHDL | Verilog

Tools: Kali Linux | WireShark | Nessus Vulnerability Scanner | Nmap | Fuzzing | Splunk | SIEM | SCAP

AWS | Jira | Confluence | Git | Tableau | DataMart | Toad IDE | Jupyter Nb | Windows | Linux | MacOS

CERTIFICATIONS — CompTIA Security+ | AWS Cloud Practitioner | AWS Solutions Architect (WIP)

EDUCATION

Stony Brook University, Bachelor's in Computer Engineering

Grad: May 2020

Johns Hopkins University, Master's in Computer Science

Grad: May 2024

PROJECTS

Employed Cats Twitter, Python Bot repost .jpgs from Reddit to Twitter using respective APIs

SNKR Calendar, Python Bot scrapes Nike SNKR & StockX for sought-after sneakers and sends a calendar invite

Job Application Tracker Platform

- Collaborated with a team of 8 members weekly to organize backend, frontend, and UX/UI design tasks
- Developed frontend using React to build a responsive site and utilizing Hooks to connect with backend
- Pitched and got accepted to CUNY Startups Accelerator program to guide our team to the launch of beta

VIP Team: Integrating Population Health Informatics

- Collected, filtered, and analyzed over a million rows of data from SEER Stat, US Census, USA Data
- Visualized and analyzed data with Tableau & GIS to highlight key areas for pediatric cancer interventions
- Led team of 9 undergrad and PhD students across 3 teams (Ped. Cancer, Vehicular Trauma, Elderly Falls)

LEADERSHIP

Mentor, Hakka Professional and Youth Association

Jan '22 - Present

Mentor, Brotherhood Chair, Rush Chair, Marshal, Theta Tau

Jan '19 – Present

President, Taiwanese Student Association

May '18 – May '19

Financial Coordinator, IEEE Stony Brook Chapter

May '18 – May '19

Senior Patrol Leader, Boy Scout Troop 754

Aug '15 – Jun '16