

Benjamin Huang

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EXPERIENCE

Product Security Engineer II

Jun '20 – Present

Boeing Company Product Security

- Assess product risk and compliance throughout development implementing appropriate security controls and requirements per NIST 800-53/30 to deliver cyber artifacts to customer
- Collaborate with multiple suppliers and cross-functional experts to perform threat and risk assessments to maximize resiliency and minimize vulnerability
- Utilize tools such as Kali Linux, WireShark, and Splunk to perform and analyze test results (CVE, CWE, CodePeer, Fortify, SCAP, Fuzz, Nmap, and Event Logs) to detect weaknesses
- Assess security controls of software using Application and Security and Development STIG standards
- Author over 10 deliverables such as System Security Plans, Security Control Traceability Matrix, Software Assurance Reports, Risk Assessment Reports, and Subsystem Test Plans/Reports
- Manage incident and vulnerability when cybersecurity events affect programs, platforms, and services and continuous identification, evaluation, and mitigation of emergent weaknesses

Technology Solutions Analyst

Jun '19 – Aug '19

MUFG Union Bank Internal Audit

- Utilized SharePoint/InfoPath/Access/Visio to create tools that streamlined processes in the Audit Methodology such as QA Checks and Issue Ticket Management tool to mitigate risk and organize records
- Streamlined automation of data sets to enable audit analytics routines to generate reports on a, weekly, monthly, quarterly basis using SQL scripts that pulled performance data from DataMart
- Created and presented visually impactful dashboards in Tableau and Excel for Quarterly Reports
- Managed user accounts and developed a Global Audit site for methodology/artifacts using SharePoint 2016
- Proposed Jira to Chief Officers successfully to introduce a more efficient method of tracking tickets/projects
- Assisted with the Agile methodology by updating Jira and Confluence sites

IT Coordinator and Technician

Aug '18 – Jun '20

Stony Brook University Information Technology

- Managed and launched new team workflow that improved customer satisfaction by creating 24/7 workstations and decreasing average incident response time from 3 hours to 15 minutes (92% decrease)
- Utilized a server based ITSM ticketing system to track/prioritize and solve issues all over campus
- Assisted end-users with OS reimaging, virus removal, network connectivity, software/hardware issues

SKILLS

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

Tools: Kali Linux | WireShark | Nmap | Fuzz | Splunk | SIEM | AWS | Jira | Confluence | Git | Tableau | DataMart | Toad IDE | Jupyter Nb | Microsoft Word | Excel | Access | SharePoint | Visio

CERTIFICATIONS - CompTIA Security+ | AWS Cloud Practitioner | AWS Solutions Architect

EDUCATION

Stony Brook University, Bachelor's in Computer Engineering

Grad: May 2020

Johns Hopkins University, Master's in Computer Science

Grad: May 2024

PROJECTS

Job Application Tracker Platform

Nov '20 – Sept '21

- 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

Aug '19 – May '20

- 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 6 students distributed across three sub 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