

# Benjamin Huang

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## EDUCATION

**Stony Brook University, Stony Brook, NY**

BE Computer Engineering, Minor Computer Science

Dean's List: Spring 2017, Fall 2018 | Scholarships: Presidential, Weinig Foundation

Grad: May 2020

GPA: 3.22/4.0

## EXPERIENCE

### System Security Engineer

Jun '20 – Present

*Boeing Defense, Space, and Security – Product Security*

- Collaborate with suppliers and cross-functional experts to develop cyber CDRL documents implementing appropriate security controls and requirements per SAP & JSIG, NIST 800-53/30, etc
- Perform threat and risk assessment as part of a cyber-maturation process that establishes threat surfaces and mitigations to maximize resiliency and minimize vulnerability
- Analyze CVE, CWE, CodePeer, Fortify results to author Software Assurance report
- Utilize STIG and SCAP results to provide risk level and remediation in Risk Assessment report
- Maintain security-related artifacts for existing and new solutions such as SSP, SCTM, CONOPS
- Perform Fuzz and power on sequence (NMAP) testing using WireShark to author Test Plans and Reports
- Ensure customer satisfaction by evaluating customer/operational needs to coordinate system performance requirements and integrate technical parameters

### Technology Solutions Analyst

Jun '19 – Aug '19

*MUFG Bank, Internal Audit – Operations and Professional Practices*

- 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 daily, weekly, monthly, quarterly basis using SQL scripts that pulled from DataMart
- Created and presented visually impactful dashboards in Tableau and Excel for Quarterly Reports
- Assisted in development/transition of a Global IAA site for methodology/artifacts using SharePoint 2016
- Proposed and drafted BRDs to introduce a more efficient TSM/PM tool to Chief Officers
- Assisted with the agile process by updating JIRA and Confluence sites
- Created instruction manuals for audit tools as a resource to the 300+ members in the department

### IT Coordinator and Technician

Aug '18 – Jun '20

*Stony Brook University - Campus Residences*

- Managed and launched new team workflow that improved customer satisfaction by creating 24/7 workstations and decreasing average incident response time from 4 hours to 15 minutes (93% decrease)
- Utilized a server based ITSM ticketing system to track/prioritize and solve issues all over campus quickly
- Assisted end-users with OS reimaging, virus removal, network connectivity, software/hardware issues

## SKILLS

**Programming:** Java | Python | SQL | C++ | C | HTML/CSS | JavaScript/React | System C | Assembly | VHDL | Verilog

**Tools:** Kali Linux | WireShark | Tableau | Seer Stat | DataMart | Toad IDE | Jupyter Nb | JIRA & Confluence | Git |

Microsoft Word | Excel | Access | SharePoint | Visio

**CERTIFICATIONS** - CompTIA Security+

## PROJECTS

### Job Application Tracker Platform

Nov '20 – Present

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

### 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

**Brotherhood + Rush Chair + Marshal, Theta Tau Co-ed Professional Engineering Fraternity**

Jan '19 – May '20

**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