

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: 3.25/4.0

EXPERIENCE

Summer Analyst, Technology Solutions

Jun '19 – Aug '19

MUFG Bank, Internal Audit - Professional Practices

Greater NY, NY

- Utilized SharePoint/InfoPath/Access to create tools for Audit Methodology, QA Checks, and Issue Ticket management to mitigate risk and keep records organized
- 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 visually impactful dashboards in Tableau and Excel for Quarterly Reports
- Assist in development/transition of a Global IAA site for methodology/artifacts using SharePoint 2016
- Drafted business requirement documents to introduce a more efficient TSM/PM tool to Chief Officers
- Created instruction manuals for audit tools as a resource to the 300+ members in the department

IT Coordinator and Technician

Aug '18 – Present

Stony Brook University

Stony Brook, NY

- Managing and launching team workflow that improved customer satisfaction by increasing availability to printers by 75% and response time to incidents by 50% during peak hours
- Utilize a server based ITSM ticketing system to track and solve issues all over campus quickly
- Ensured that all 400+ faculty and computer lab devices are fully functional for end-users daily
- Assist end-users with OS reimaging, virus removal, network connectivity, software/hardware issues

Teacher's Assistant for Computer Techniques for Electronic Design II

Aug '18 – Dec '18

Stony Brook University

Stony Brook, NY

- Assist a class of 100+ students programming in C and C++ covering OOP and data structures

SKILLS

Languages: Java | SQL | Python | MIPS Assembly | AVR Assembly | C++ | HTML | CSS | VHDL/PLDs | C

Tools: Tableau | Excel | PowerPoint | Word | Access | SharePoint | InfoPath | VISIO | DataMart/Toad IDE

PROJECTS

VIP Team: Integrating Population Health Informatics, Team of 11

Aug '19 – Present

- Visualizing and analyzing data with Tableau to highlight key areas for pediatric cancer for interventions

Simon Game, Team of 3

May '19 – Present

- Designing API for testing the circuit with a STM32 chip using C to recreate the Simon Game

Frequency Meter System with Auto Ranging, Team of 2

Nov '18 – Dec '18

- Built a device that measures and displays period and frequency of a signal using Assembly and ATmega324
- Utilized built in timer + counters and interrupts to measure the period and frequency with .01% precision

Mine Sweeper Game, Solo project completed in two weeks

Jul '18 – Jul '18

- Recreated the retro game using Java and created a user-friendly GUI using JavaFX
- Implemented object-oriented programming, recursion and data structure concepts

COURSES

Software: Intro to OOP | Data Structures | Programming Abstractions | Intro to Machine Learning

Hardware: Network Security | Computer Architecture | Embedded Systems | Electronic Circuits | Signals & Systems

LEADERSHIP

Brotherhood Chair and Marshal, Theta Tau Co-ed Professional Engineering Fraternity

Jan '19 – Present

President, Taiwanese Student Association

May '18 – May '19

Financial Coordinator, IEEE Club

May '18 – May '19

Senior Patrol Leader, Boy Scout Troop 754

Aug '02 – Jun '16