

Andrew Wang

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EDUCATION

SUNY Stony Brook University

Bachelor of Arts – Major in Technological Systems Management, Spec. in Computer Science

Aug. 2019 – May 2023

CERTIFICATIONS & COURSES

- Microsoft Azure Fundamentals
- BroadStreet Institute Internship
- Data Structures
- Discrete Mathematics
- Analysis of Algorithms
- Object Oriented Programming
- Scripting Languages
- How to Build a Startup
- Database Design and Practice
- Human-Computer Interaction

EXPERIENCE

Intern

Aug. 2022 – Oct. 2022

BroadStreet Institute

Remote

- Worked on BroadStreet Institute's COVID-19 Data Project for Emergency Data Relief
- Contributed to data entry, analysis and visualization; quality assurance
- Evaluated internal performance data for improvements

Tutor

Jan. 2022 – Jun. 2022

KEONI

Remote

- Remotely tutored students in grades 9-12 in various subjects, such as English Reading/Writing and Math.

Intern

Jul. 2018 – Aug. 2018

Element Structural Engineers

Newark, CA

- Worked with structural engineers on development projects, edited sheet details diagrams of part units, assisted in site progress reviews on visits by shadowing employees.

PROJECTS

Portfolio Site

Jan. 2023

Website

Remote

- Portfolio site created using HTML, CSS, and Javascript to showcase projects, artworks, and papers (andwan55.github.io)
- Created assets such as logo and graphics in Figma

Success Koach Counseling Site

Aug. 2022 - Nov. 2022

Website

Remote

- Designed website template on the Kajabi platform (successkoach.com)
- Created a new logo and designed website infographics on Figma

ResDec App Concept

May 2022

Machine Learning and Figma Project

Stony Brook, NY

- Designed an app concept in Figma which would allow users to check chest x-rays to see if they have COVID19/pneumonia/tuberculosis (see project Github for Figma page)
- Created a machine learning model in Google Colab trained on chest scans of people with the above conditions that would be used by the app (project Github)

Gesture Recognition Arduino

Spring 2022

Robotics Machine Learning Project

Stony Brook, NY

- Worked on a gesture recognition device to pinpoint user motions through a machine learning model

ACTIVITIES

Stony Brook Young Investigators Review | Associate Editor

Jan. 2022 – Present

- Working with managing editors, copy editors, and review editors on pieces for scientific topic journal.
- Team Website: <https://sbyireview.com/>
- Personal Portfolio: <https://andwan55.github.io/papers.html>

SBU Vertically Integrated Project: Intro. Multidisciplinary Project | Team member

Spring 2022

- Worked on robotics projects that integrate computer science topics like machine learning.

FTC Robotics | Hardware & Graphics Designer

Sep. 2016 – Jun. 2019

- Resident computer-aided design (CAD) specialist on team, managed graphics pertaining to team attire and website upkeep, along with hardware functionality and design.
- Participated in qualifier competitions as both maintenance member and driver for the robot.

TECHNICAL SKILLS

Skills: Java, Python, C++, JavaScript, Figma, HTML, CSS, Microsoft Azure, SQL, JSON, Excel VBA, Adobe Photoshop, Adobe Illustrator, Autodesk Inventor & Revit