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
- Human Computer Interaction
- Object Oriented Programming

- Appl. Software for Info Management
- How to Build a Startup
- Database Design and Practice
- Interdisciplinary Research Methods

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

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

Portfolio Site   July 2022

Website   *Stony Brook, NY*
- 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

ResDec App Concept   May 2022

ML 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