

# Xuan(Andy) Chen

☎ (347) 828-1334 | ✉ xuanchen50@gmail.com | 📺 AndysSpaghettiCode | 🌐 xuan-chen-52768121a

## Education

---

### The College of New Jersey

Ewing, NJ

B.S. IN MATHEMATICS

Expected Dec 2021

MINOR IN FINANCIAL RISK AND ACTUARIAL SCIENCE

Relevant Coursework: Computational Math, Applied Math Capstone: Neural Networks, Numerical Analysis, Probability, Applied Dynamical System, Number Theory, Portfolio Management and Derivative Securities

## Skills

---

**Languages:** Python, Javascript, SQL, Matlab, Mathematica

**Frameworks:** Numpy, React, Git, Beautiful Soup

## Work Experience

---

### Private Commission

Online

MADE A DISCORD BOT IN PYTHON IN LINE WITH THE CUSTOMER'S REQUESTED FEATURES.

July, 2021

- Created scheduling module, which allowed users, with an assigned role, to tell the bot via chat commands to release messages at specified times.
- Added features such that moderators can request the bot to post a message log, containing messages with their associated time stamps.
- Created a Choose Your Own Adventure module, this allowed the user to write and upload text files. The text files would then be parsed into a hashmap, This will allow players to start and play through C style story prompts.
- Hosted the bot on Google Cloud, so that the bot can be run with constant up-time.

## Projects

---

### Story Compiler and Reader

PYTHON/REACT/MYSQL

- Used Beautiful Soup to setup scripts to webscrape based off address and locate all the story posts in a thread.
- Implemented functionality that allowed users to add stories they want to keep track of, delete stories they are no longer interested in, read tracked stories, as well as check for if the story has been updated.
- Built a database to store story posts and amount of story posts per story.
- Designed front end using react to allow users to interact and use implemented functions