Alan Truong

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EDUCATION

Drexel University Philadelphia, PA

Bachelor of Science in Computer Science GPA: 3.79 *June 2025*

Relevant Coursework: Calculus 1–3, Computing and Informatics 1–3, Computer Programming 1–2

PROJECTS

FridgeByte | *MongoDB, PyMongo (Python), JavaScript* February 2021 – June 2021

Database Developer

- Developed database for app that returns recipes based on what users have in their pantry
- Programmed in Python, JavaScript, HTML, and CSS, contributing to front-end and back-end development
- Engineered database and tables for user logins, recipes, and ingredients with MongoDB
- Created scripts using PyMongo distribution to allow direct interaction between deployed website and MongoDB database
- Utilized JavaScript to form JSON objects from recipes that are then inserted to the database

alanmtruong.com | *HTML/CSS, Git* August 2021 – Present

Web Developer

- Deployed personal static website formed with HTML/CSS
- Developed HTML/CSS files using Visual Studio Code, using Git to commit, push, and pull changes to website
- Maintain and host personal website through GitHub

EXPERIENCE

Brethren Village Retirement Community July 2019 – Present

Server

- Manage dining accounts for 50+ senior residents and team members
- Work in fast-paced, team-oriented 15+ table dining environment
- Operate and troubleshoot POS systems for cash and credit transactions
- Answer questions from residents and team members both in-person and over the phone
- Train incoming team members on opening/closing routines and good practices to maintain efficient work

PicoCTF February 2021

Competitor on Student Team

- Collaborated with student team to achieve the most points possible completing challenges covering cryptography, cybersecurity, and general coding (Python)
- Designated team members to work on specific challenges, maximizing the amount of work done in the given time period
- Utilized web resources to complete challenges relating to binary conversions, ASCII values, and file extensions
- Decoded encrypted messages and binary to retrieve the text flag for points

Emerald Foundation Community November 2018 – December 2019

Volunteer After School Assistant

- Assist children in grades ranging from first to fourth with math, reading, and spelling homework during hours after school
- Led and organized physical activities for children to accelerate their development of teamwork and communication skills
- Designated other volunteers to assist specific groups of children based on their academic need

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, C++, HTML/CSS
Software: Git, Visual Studio Code, BlueJ, Thonny, GNU Image Manipulation Program, Microsoft Excel, Google Workspace
Operating Systems: Windows 10 Home, Chrome OS
Frameworks: Windows 10 Home, Chrome OS