

# Alan Truong

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## EDUCATION

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### 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

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### 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 into 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

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### 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 perform 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*

- Assisted 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

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**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