

PETER S. VAICIULIS

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EDUCATION

Westport Central School

HS GPA: 4.0

Westport, NY

Borough of Manhattan Community College

Computer Science GPA: 4.0

New York, NY

FA-22 - SP-23

SUNY University at Buffalo

B.S. & B.A. Computer Science & Pure Math

Buffalo, NY

FA-23 - SP-25

WORK EXPERIENCE

The Point Resort

Property Host

Saranac Lake, NY

Oct 2021 - Jun 2022

- Hired to create a new, specialty role at one of the most exclusive resorts in the US.
- Hosted dinners and cocktail parties with rockstars, financiers, and leaders in politics and business.

boatADK

Owner

Lake Placid, NY

Jan 2020 - Present (Seasonal)

- Bootstrapped a boat rental business in upstate NY.
- Completed book-keeping, google advertising, designing physical marketing materials, and website automation myself.
- In second year net profits exceeded \$15,000 per month.

RFCUNY

Learning Assistant & Undergraduate Researcher

New York, NY

Jan 2023 - Present

- Won NSF grants to work on research in computer science pertaining to health & ageing and quantifying performance of large language models (LLMs) trained to solve combinatorial puzzles.
- Research selected as 1 of 12 in nation for CCIC (see awards).

PROJECTS & OPEN SOURCE

getReddit Python, pRAW, ffmpeg, YT Developer API

github.com/p5quared/getReddit

Scripts for automatically generating social media content for Youtube/Tiktok.

Chronic Stocks Sveltekit, Typescript

chronicstocks.net

Using math in a clever way (KL-Divergence) to measure, compare, and then infer future stock price performance.

txti2 SvelteKit, Pocketbase, Go, S3

A static site generator inspired by txti.es where users can create an interactive, personal webpages. (WIP)

Contribution: stacksorted Sveltekit, Accessibility

github.com/juxtopposed/stacksorted

Improved navigation accessibility on a UI/UX design showcase website.

Contribution: nom Go, RSS

github.com/guyfedwards/nom

Added feature to a terminal RSS reader that parses and annotates article links during rendering process, and then facilitates opening the links in browsers (across platforms).

MISCELLANEOUS SKILLS & HOBBIES

Technical Languages: Javascript, Go, C/C++, Python

Frameworks/Tools: React, SvelteKit, htmx, SQL, Pocketbase, SanityCMS

Hobbies: Piano, Sailing, Poker, Snowboarding, Tennis

AWARDS/EXTRA-CURRICULAR

Salutatorian

Also recognized as top student in science and mathematics.

Westport High School

Jun 2019

President, Programming Club

Organized and led weekly meetings to teach students programming fundamentals.

BMCC

Spring 2023

CCIC Finalist

Undergraduate research in computer science selected as 1 of 12 in the nation to compete in week-long showcase in front of legislators, heads of NSF, and stakeholders.

AACC, NSF

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