PETER S. VAICIULIS

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EDUCATION

University at Buffalo, SUNY — Buffalo, NY
B.S. Computer Science & Math Minor — Fall 2023 - Spring 2025

Borough of Manhattan Community College — New York, NY
Computer Science *GPA: 4.0* — Fall 2022 - Spring 2023

Westport Central School — Westport, NY
HS *GPA: 4.0*

WORK EXPERIENCE

RFCUNY — New York, NY
Learning Assistant & Undergraduate Researcher — Jan 2023 - Present

- Won NSF grants to work on research in pertaining to the intersection of dementia and technology, and the exploration of methods for quantifying the performance of large language models (LLMs).
- Research selected as 1 of 12 in nation for CCIC in D.C. (see awards) and presented at JMM 2023 in San Francisco.
- Provided supplemental instruction for honors students to take their skills further in C++.

boatADK — Lake Placid, NY
Owner — Jan 2020 - Present (Seasonal)

- Bootstrapped a boat rental business in upstate NY.
- Managed book-keeping, google advertising, designing physical marketing materials, and booking automation.

The Point Resort — Saranac Lake, NY
Property Host — Oct 2021 - Jun 2022

- Hired to instantiate and serve in 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.
- Extremely competent in high-level communication, discretion, and professionalism.

PROJECTS & SELECTED OPEN-SOURCE

Decanter *Go, Goreleaser, Homebrew, Charmbracelet* — github.com/p5quared/decanter
A user-friendly command-line-interface for students at the University at Buffalo to manage coursework and submit assignments via Carnegie Mellon's 'Autolab'. Decanter is released as a tap on Homebrew.

ResourcedOnline *Sveltekit, Pocketbase* — resourcedonline.com
Exercise in messing with OpenGraph to generate links that are not what they seem.

Chronic Stocks *Sveltekit, Typescript* — chronicstocks.net
Utilized math in a clever way (KL-Divergence) to measure, compare, and finally infer future performance.

Contributor: Supabase — github.com/supabase
Updated documentation on how to seed a database with Snaplet and was rewarded with free swag.

getReddit *Python, pRAW, ffmpeg, YT Developer API* — github.com/p5quared/getReddit
Wrote scripts for automatically generating social media content for Youtube/Tiktok.

SKILLS & HOBBIES

Technical Languages:	Javascript, Go, C/C++, Python
Frameworks/Tools:	React, SvelteKit, SQL, Pocketbase, SanityCMS
Hobbies:	Piano, Sailing, Poker, Snowboarding, Tennis

AWARDS/EXTRA-CURRICULAR

CCIC Finalist — AACC, NSF
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. — Spring 2023

President, Programming Club — BMCC
Waded through the daily flows of bureaucracy and led meetings and open-source projects. — Spring 2023

Salutatorian — Westport High School