

# PETER S. VAICIULIS

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## EDUCATION

### University at Buffalo, SUNY

B.S. Computer Science & Math Minor

Buffalo, NY

Fall 2023 - Spring 2025

### Borough of Manhattan Community College

Computer Science *GPA: 4.0*

New York, NY

Fall 2022 - Spring 2023

### Westport Central School

HS *GPA: 4.0*

Westport, NY

## WORK EXPERIENCE

### RFCUNY

*Learning Assistant & Undergraduate Researcher*

New York, NY

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

*Owner*

Lake Placid, NY

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

*Property Host*

Saranac Lake, NY

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

### Codename Rousseau *Sveltekit, Typescript, PostgreSQL (Supabase)*

Open learning and studying platform similar to Quizlet. (WIP)

### ResourcedOnline *Sveltekit, Pocketbase*

[resourcedonline.com](https://resourcedonline.com)

Exercise in messing with OpenGraph to generate links that are not what they seem.

### Chronic Stocks *Sveltekit, Typescript*

[chronicstocks.net](https://chronicstocks.net)

Utilized math in a clever way (KL-Divergence) to measure, compare, and finally infer future performance.

### Contributor: nom Go, RSS

[github.com/guyfedwards/nom](https://github.com/guyfedwards/nom)

Wrote feature for terminal RSS reader which parses and annotates article links during rendering process, and then facilitates the opening of links in browsers (across platforms).

### getReddit *Python, pRAW, ffmpeg, YT Developer API*

[github.com/p5quared/getReddit](https://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