

Bachelor's in Computer Science

California State University, Northridge

Projects

- [JavaScript Paint](#)
 - Multimedia web Paint Software using HTML5/CSS/Javascript using JQuery event listeners to recreate a paint application with html canvas.
- [C++ Math Solver](#)
 - C++ application using the key features of the language to develop a problem solver for 2D and 3D shapes. Later, I added unit testing using Microsoft's framework to debug the project.
- [C.O.O.L - Java to C compiler](#)
 - A compiler written in Java to translate our created language into C. encapsulating the essence of java's class and methods into C constructors.
- [McTickets-SRS Document](#)
 - 20 page software requirements specification document for a ticket kiosk system.
- [Python Pokemon Battle](#)
 - Fun Python Project after the codecademy course. Use of trainer and pokemon class with JSON data for pokemon and type advantages
- [BarHop](#)
 - React native app built to create a social media outlet for bar goers of the world. My work done for this project was converting the Google-places open source module into something of our desired needs.

Skills

- | | |
|-------------------------|---------------------------|
| ● Git | ● Java |
| ● Github | ● C/C++ |
| ● ReactNative/Expo | ● JavaScript (Codecademy) |
| ● Visual Studio | ● HTML5/Css (Codecademy) |
| ● Maven | ● JQuery |
| ● CppUnitTestFramework | ● D3.js |
| ● Python 3 (Codecademy) | ● Microsoft office |
| ● C# (Codecademy) | ● SQL (Codecademy) |
| ● Pandas (Codecademy) | ● Unity |

Contact Info

Phone

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E-Mail

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Portfolio Link

tomavetisyan.github.io/Portfolio/

Codecademy

<https://www.codecademy.com/profiles/Tomavetisyan>

Soft Skills

- Proven team communication and work ethics
- Ability to master new concepts and skills quickly
- Dependability and accountability on completing given tasks
- Active listening skills
- Strong problem solving

Languages (Other)

Armenian, Spanish

Notable Courses

- Software Engineering Design
- Multimedia Systems
- Intro to Operating Systems
- Software Requirements
- Advanced Web Engineering
- Concept of Programming Language
- Automata Computing
- Combinatorial Algorithms
- Software Testing

Work Experience

CodeCademy Author

- Newly implemented system built for creating content and practice questions for the Codecademy website
- Chosen with 99 other individuals out of their large number of users
- The Author system is new and under constant refactoring

Assistant Center Director/Tutoring

Mathnasium, Granada Hills, CA

- Ensuring a safe and friendly environment for employees and children for an optimal learning experience
- Collecting and inputting data of students progress and explaining the results of that data to parents
- Implementing new systems and methods for running the center
- Showing leadership and initiative to do what is needed to be done for over 150 students and their parents.

Instructor

Mathnasium, Encino, CA

- Having the patience to teach to the most difficult of students and not giving up on them
- Creating a rhetoric for a safe learning environment between student and instructor
- Determination to teach with a growth mindset

Prior Experience:

Retail sales and keyholder.

Ebay self business

Flea-Market sales