

# Ali Khachab

+1 (347) 488-4341 | a.khachab620@gmail.com | <https://www.linkedin.com/in/aliikhachab/> | <https://github.com/AliKhachab>

## EDUCATION

### New York Institute of Technology (NYIT)

Expected Graduation - Fall 2025

Bachelor of Science in Computer Science | GPA: 3.92/4.00

NSF FASTRAC Scholar ([https://www.nyit.edu/engineering/fastrac\\_scholars](https://www.nyit.edu/engineering/fastrac_scholars))

### Presidential Honor List

Fall 2022, Spring 2023, Fall 2023, Spring 2024

This award is given to students who have achieved a GPA of 3.70 or higher in that semester. (<https://meritpages.com/Ali-Khachab/7406353>)

### Relevant Coursework

Calculus 1-3, Object-Oriented Programming, Computer Organization and Architecture, Data Structures, Operating Systems, Statistics and Probability, Design and Analysis of Algorithms, Computer Networks, Intro to AI, Database Management, Internet Programming, Intro to Software Engineering

## SKILLS

**Programming Languages:** Java, Python 3, HTML/CSS, Sass, JavaScript, TypeScript, React, C#, XAML, WPF, .NET Core, SQL

**Technologies:** Git, GitHub, VSCode, Visual Studio

**Other:** Photoshop (for branding), typing (150+ words per minute)

## EXPERIENCE

### InterSoft Associates – Software Engineering Co-op

June 2024 - December 2024

- Refactored and migrated legacy code from Basic into WPF, improving UI/UX with XAML and performance with C#.
- Improved and optimized SQL stored procedures and queries to allow for more dynamic calls to databases.
- Collaborated with team members to ensure smooth transition from legacy to modern code maintaining data integrity.

### NYC Sustainability Research Project – UREP (<https://github.com/GuangWeiToo/InteractiveMapWebsite>)

October 2023 - June 2024

- Conducted 4 literature reviews on NYC Open Data's significance on programming and influence in New York State.
- Contributed frontend updates to the interactive map website and assisted teammates in setting up updates for the backend Flask server.
- Presented our map website in a schoolwide entrepreneurship presentation, demonstrating functionality of our product.

### Freelance Graphic Design – eSports Branding (<https://behanee.net/theslime>)

April 2021 - June 2023

- Collaborated with several eSports teams, players, and tournament organizers to create graphics that can be used as branding, i.e. livestream overlays, social media headers, advertisements, announcements, etc., driving up engagement by 15% on average.
- Collaborated with social media clients to provide online branding, seeing 10% increases in engagement on average.
- Received positive feedback from clients who commissioned large products in tight deadlines.

### Middle/High School Tutor – MathMatters Inc.

June 2021 - September 2021

- Tutored around 20 middle and 10 high school students in math and English in preparation for their standardized tests.

## PROJECTS

### rmtDev - HTML/CSS, JavaScript (<https://github.com/AliKhachab/rmtDev>)

Present

- Currently developing a web app which simulates a job search site that allows remote developers to search, bookmark, paginate, and sort through job listings. Using this project to practice JavaScript frontend manipulation.

### CorpComment - HTML/CSS, JavaScript (<https://github.com/AliKhachab/CorpComment>)

Finished January 2025

- Programmed a forum app where users can input comments for different companies, organized by the hashtag and the company name.
- Used JavaScript for user interaction with the web app, including filtering companies, upvotes, and expanding text blocks.

### BetterPhotos - HTML/SASS, Node.js (<https://github.com/AliKhachab/PhotosApp>)

Finished March 2024

- Built a frontend with HTML and Sass for a photographer community website. Used Node.js to have Sass automatically compile into CSS.

## AWARDS

### Capture the Flag Hackathon at NYIT – 2nd place

March 1st, 2024