

Ali Khachab

Contact me at: <https://aliikhachabportfolio.vercel.app/> | <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)

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, Computer Networks, Artificial Intelligence 1, Database Management, Internet Programming, Introduction to Software Engineering

SKILLS

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

Technologies: Git, GitHub, VSCode, Visual Studio, IntelliJ software

Other: Photoshop (for branding), typing (160+ 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://bechance.net/thelime>)

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.

PROJECTS

FocusFlow - ReactNative, TypeScript, Firebase (<https://github.com/Jason1145/focus-flow>)

Now – April 2025

- Cooperated with teammates to build a fully functional full stack cross-platform mobile calendar app that efficiently tracks user tasks. FocusFlow allows users to set strict timed tasks which block their phone usage until a task is complete.

TrekBag - HTML/CSS, JavaScript, React (<https://github.com/AliKhachab/PhotosApp>)

Finished April 2025

- Built a modern web application which allows the user to organize a list of things they would need before they go on a trip, using Zustand to persist data through local storage and separate functions from the DOM.

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

Finished January 2025

- Developed a JavaScript web app which simulates a job search site that allows remote developers to search, bookmark, paginate, and sort through job listings. Used webpack to compile into a smaller file size for all users.

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

Finished January 2025

- Programmed a forum app that uses JavaScript for easy filtering of posts to get easy information about companies.

AWARDS

Capture the Flag Hackathon at NYIT – 2nd place

March 1st, 2024