

Milad Mehri

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EDUCATION

University of British Columbia

Vancouver, BC | September 2023 – Present

B.Sc.

- Selected Coursework: Introduction to Computer Systems, Basic Algorithms and Data Structures
- Activities: Competitive Programming Team (ACM ICPC);

EXPERIENCE

Headstarter AI

July 2024 – Present

Software Engineer Fellow *ext.js*, *Supabase*, *Google*, *Tailwind CSS*

- Designed and implemented multiple innovative projects using NextJS, OpenAI, Pinecone, and StripeAPI
- Led and deployed full-stack projects using MVC design patterns through mentoring and feedback from industry leaders

PERSONAL PROJECTS

UBC Talks | <https://ubc-talks-264ncfoefq-uw.a.run.app/home>

Typescript, *Next.js*, *Supabase*, *Google*, *Tailwind CSS*

- **Reddit-esque web application** for student discussion about UBC courses, built with **Next.js** and **Supabase**
- Authorization using **OAuth2.0 flow** with Google account
- User can **pin course** channels, **make posts**, and **upvote/downvote** posts when logged in

NBA Career Length Predictor | <http://github.com/milad-mehri/nba-career-length-predictor>

Scikit-learn, *HTML*, *CSS*, *JS*

- Trained a **predictive model** to estimate the **career lengths of NBA players** based on various statistics and trends.
- Achieved a **high predictive accuracy** ($MSE \approx 1.38$) and presented results on a **user-friendly website**.

SEO Snap | <https://seo-snap.vercel.app/>

Next.js, *Node.js*, *Tailwind CSS*, *Web Scraping*

- Provided insights regarding SEO for websites through web scraping techniques
- Helps maximize website visibility and performance in search engine results

Bongo, Discord Bot | <http://github.com/milad-mehri/bongo>

Discord.js, *Node.js*, *MongoDB*

- Built, deployed, and managed a multiplayer economy themed application that consisted of about **200 000 users**
- Users interacted with a **discord bot** to carry out in-game transactions to try and gather as many coins as possible

Scheduler, Power Up Hacks Hackathon Winner | <https://devpost.com/software/scheduler>

Node.js, *EJS*, *CSS*, *HTML*, *Express.js*, *Twilio*, *bcrypt*, *MongoDB*

- Constructed a user-friendly web application that allows employers and applicants to efficiently **schedule interviews**
- Integrated tools like **MongoDB** to store information, **bcrypt** for login, and **Twilio** to send reminders

Shift, Chat Room | <http://github.com/milad-mehri/shift>

EJS, *CSS*, *HTML*, *JS*, *Express.js*, *Node.js*, *MongoDB*, *Socket.io*

- Developed a **temporary chat room** web application, where users enter a unique 10-digit code to join a live chat room that can host an unlimited number of users, and all messages and information is cleared after 24 hours
- Used **Socket.io** to enable communication among users, and **MongoDB** to store them

Technical Skills

Languages: Python, Javascript, Typescript, Java, EJS, CSS, HTML

Technologies: Git, Discord.js, Express.js, Socket.io, Twilio, bcrypt Node.js, MongoDB, Scikit-learn, Next.js, React.js, Google auth, Supabase, Tailwind CSS, Firebase