Milad Mehri

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EDUCATION

University of British Columbia   **Vancouver, BC | September 2023 – Present**
B.Sc. Computer Science

  Selected Coursework: Software Construction, Models of Computation, Computation, Programs, and Programming
  Activities: Competitive Programming Team (ACM ICPC); Intramurals;

PERSONAL PROJECTS

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
- Called the Discord API using the **discord.js** module, in which I received commands from users and sent responses

Schedular, Power Up Hacks Hackathon Winner| https://devpost.com/software/schedular
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 user information, bcrypt for a **login system**, and Twilio to send reminders once an interview is booked

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 can enter a unique 10-digit code to get access to a live chat room that can host an unlimited number of users
- Wrote a script to make all messages and user information disappear after 24 hours
- Used **Socket.io** to enable communication among users, and **MongoDB** to store them

RegexTester|https://milad-mehri.github.io/RegexTester/
HTML, CSS, JS
- Designed and implemented a web application that helps users **visualise** and **debug regular expressions** in an easy to understand and convenient manner
- Allow users to input regular expressions as well as text, then the elements in the text that correspond to the regular expression are highlighted

PROFESSIONAL EXPERIENCE

Community Leader and Youth Organizer   **April 2022 – August 2023**
- Planned, organized, and led educational classes at a City Community Center
- Classes consisted of approximately 30 students, ages 6 to 17

International Baccalaureate Leader | Sir Winston Churchill Secondary School   **September 2021 – May 2023**
- Planned, organised and supervised regularly occurring events for International Baccalaurate students
- Kept track of participants progress and modified the upcoming events based on the outcome to maximise the efficiency of the sessions
- Mentored students and engaged in educational meetings

Technical Skills

Languages: Python, Javascript, Typescript, EJS, CSS, HTML
Technologies: Git, React, Discord.js, Express.js, Socket.io, Twillio, bcrypt Node.js, MongoDB