

Michael Mihaylov

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EDUCATION

University of Illinois at Chicago : Bachelor of Science in Computer Science

Expected Graduation : May 2023

GPA : 3.4/4.0

TECHNICAL SKILLS

Languages | C++/C, Java, HTML/CSS, Python, JavaScript, SQL, F#

Developer Tools | Linux, Visual Studio, GIT, Maven, .NET, Node.js

Misc | Data Structures, Algorithms, Concurrency, Databases, Sony VEGAS Pro, Adobe Photoshop

TECHNICAL PROJECTS

Discord Bot(JavaScript)

- Custom Discord Bot that is able to send messages, images, embeds, respond to users and manipulate roles/permissions
- Utilizes Discord's provided Bot API as well as NPM libraries for certain functions, written in a Node.JS framework

Personal Website (HTML/CSS/JavaScript)

- A personal website for introducing myself and showcasing my skills and proficiencies, hosted on a custom domain
- Designed to be usable and functional when viewed from a mobile device
- link to site: <https://mmihaylov.netlify.app/>

Baccarat (Java)

- A networked version of the popular casino game Baccarat that features 4 players
- Each player is connected as a separate client to the server, which hosts the game and its functionalities

Animated Bar Chart (C++)

- Uses data from given file to populate multiple objects used in storing/manipulating visual bar charts
- "Animates" a bar chart by printing out color-coded squares continually to represent the data gathered

Adventure RPG (Windows Basic)

- 2D RPG style adventure game written in Windows Visual Studio with visuals for all characters, items, levels and actions. Includes item interactivity, 4 directional movement, boss scenes and a market

ACTIVITIES

- UIC Ski and Snowboard Club | President
- Conant High School Track and Field | Varsity Pole Vaulter
- Health Occupations Students of America (HOSA) | Member, 2018 State Qualifier

EMPLOYMENT

Vail Resorts Breckenridge (Mountain Activities) | June 2021 - August 2021

- Helped run and maintain an alpine coaster through guest service and daily inspections
- Assisted guests with all aspects of riding Alpine coaster, including safety and riding instructions

River Forest Country Club (Golf Caddy) | May 2019 - October 2019

- Maximized customer service and satisfaction by providing directions to visitors regarding requested locations, events and landmarks.
- Taught players and team members about game and performance strategies.

Schaumburg Park District(Lifeguard) | May 2017 - May 2019

- Maintained rescue equipment in peak condition by conducting inspections and completing basic repairs.
- Learned and maintained proficiency in first responder skills such as First Aid and CPR to offer individuals in distress optimal support.