johnmihal.com
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John Mihal

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Objective:

To obtain a co-op position in computer science. Available 2022 and 2023.

Education:

Rochester Institute of Technology, Rochester, New York
Bachelor of Science in Computer Science - Expected June 2025 - GPA: 3.7

Courses:

- Introduction to Computer Science for AP Students - *Java and Python*
- Mechanics of Programming - *C and memory allocation*
- Introduction to Software Engineering - *software design and team development*
- Web & Mobile I - *HTML, CSS, JavaScript*
- Analysis of Algorithms - *Complexity Theory*
- Principles of Data Management - *SQL, database design*

Skills:

Programming Languages: Java, Python, C, SQL, HTML, CSS, XML, PHP, JS
Operating Systems: Windows, MacOs, Ubuntu Linux, ZorinOs (Linux)
Software: PyCharm, Xcode, InteliJ, Eclipse, VS Code, Git, Unreal Engine, Perforce Version Control, Nginx, Autodesk Fusion 360, Adobe Photoshop, Adobe Premiere, Adobe After Affects, Final Cut Pro

Projects:

VR Temple Run *(academic)   Team size: 1   Spring 2020*
- Autonomously researched and developed a VR infinite running type game prototype.
- Learned and implemented concepts such as Unreal Engine node scripting and level design.
- Tested and resolved problems in the game to produce a functionally working prototype.

Meal Hub *(academic)   Team size: 4   Spring 2022*
- Designed and coded, in Java and SQL, a recipe database and database management application, which has user accounts, a personal inventory system, over half a million ingredients and thousands of recipes including user generated recipes.

Weather Web App *(personal)   Team size: 1   Summer 2022*
- Created a JavaScript web app where users can look up the weather of any city, using the Unsplash API and OpenWeather API.

Temperature Converter iOS App *(personal)   Team size: 1   Summer 2022*
- Created a iOS app where users can convert temperature from C° to F° and F° to C°. Additionally it features a background color gradient which changes based on the input temperature.

Work Experience:

Rochester Institute of Technology - Technical Lab Worker
Rochester, New York - August 2020 - December 2020
- Efficiently provided remote virtual technical support to troubleshoot hardware and software.
- Independently coordinated a cleaning and maintenance routine with many other student workers.

Starbucks Coffee Company - Barista
Corte Madera, California - January 2019 - August 2020 and June 2022 - August 2022
- Worked under pressure in a high pace environment to manage multiple customers at once.
- Managed unhappy customers and handled payments.
- Greeted and created a welcoming environment for customers.