

# NICHOLAS DAWSON

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## SUMMARY

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Seeking a summer/fall software engineering co-op. Available May 2022 - December 2022.

## EDUCATION

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### **Rochester Institute of Technology**

B.S. Software Engineering

GPA: 3.93

Aug. 2020 - May 2025

## EMPLOYMENT

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### **Back-End Web Developer**, Otomation Technologies Inc., Remote

Dec. 2020 - May 2021

- Wrote APIs using PHP and MySQL to interact with JavaScript on the client-side for a web app
- Collaborated with Front-End team in India
- Worked 15-20 hrs/week while a full-time student

### **IT Intern**, Town of Portland, CT, Portland, CT

June 2016 - Aug. 2021

- Troubleshoot various issues with hardware, software, and websites
- Taking inventory of existing hardware and managing rollout of new hardware
- Worked with IT team to implement new technology/solutions like new computers and software

## SKILLS

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**LANGUAGES:** Python, HTML, Java, JavaScript, C, PHP, PostgreSQL, MySQL, CSS, Django, Dart

**TECHNICAL SKILLS:** Git, Bash, REST APIs, Agile, Documentation, PowerShell

## PROJECTS

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### Archiver For Google Photos (Personal Project)

Jan. 2020 - Current

- Developed an open-source CLI using Python and Google APIs to download/sync media to a local device
- Implemented software improvements using user feedback/bug reports/developer collaboration
- Documented user-friendly software instructions

### VSCO Scraper (Freelance Paid Project)

Mar. 2020 - Apr. 2020

- Developed a multi-threaded CLI using Python to scrape media from public profiles on VSCO.co
- Collaborated with client to customize and implement improvements
- Documented clear and concise instructions and provided technical support

### Chromebook Repair Management Tool (Personal Project)

Jan. 2019 - Mar. 2020

- Developed GUI application using Python, PyQt5, and Google APIs to automate Chromebook repair process for Portland School district
- Reduced process time by more than 20x
- Built on my own time as my capstone project