

NICHOLAS DAWSON

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SUMMARY

A student with a passion for helping everyone with efficient and useful software. Loves learning new things and is interested in web development and anything that involves solving challenging problems.

EDUCATION

Rochester Institute of Technology

Aug. 2020 - May 2025

B.S. Software Engineering

GPA: 3.93

EMPLOYMENT

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

LANGUAGES: Python, HTML, Java, JavaScript, SQL, PHP, CSS, Django, React, Vue

TECHNICAL SKILLS: Git, Bash, REST APIs, Agile, Documentation, PowerShell, JSON, Automation, Networking, Web Scraping

PROJECTS

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