



# NICHOLAS DAWSON

Back End Developer | Computing Student

## ABOUT ME

A dedicated student with a passion for programming, computers, automation, and learning. Always trying to improve my skills and learn new things.

Attending the Golisano College of Computing and Information Sciences at Rochester Institute of Technology where I am currently enrolled in the Computing Exploration program for first-year students.

Career aspiration is to get a job in the computing field where I can solve cutting edge problems by creating software and tools. I aspire to become a high school or college teacher after working in the industry.

## CONTACT

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GITHUB: [NicholasDawson](https://github.com/NicholasDawson)

LINKEDIN: [NicholasMDawson](https://www.linkedin.com/in/NicholasMDawson)

## SKILLS & ATTRIBUTES

- Python, Java, PHP, JS, HTML, CSS, MySQL
- Communicates and works well with others and in teams.
- Focused, **passionate**, and dedicated
- Excellent time management and organizational skills
- Effective **problem-solving** and troubleshooting skills
- Excellent customer service and people skills.

## EDUCATION

**Rochester Institute of Technology** | Computing Exploration

**Portland High School** | Class of 2020 | GPA **3.89** | Class Rank **12/89** | SAT **1320** (640 ELA & 680 Math) | **50+** Volunteer Hours

**Electives & Key Classes:** Digital Electronics | CP Pre-Calculus  
AP Comp. Sci Principles | AP Comp. Sci A | Engr. Design & Dev.  
Digital Design | Adv. Chemistry | AP Calculus AB | UConn Physics

## AWARDS, ACHIEVEMENTS, EXTRACURRICULARS

**High Honor Roll** – Senior & Junior yrs all terms; 4 of 8 terms Soph-Fresh yrs  
**National Honor Society** | **Tri-M Music Honor Society**

**Academic Awards:** AP Computer Science Principles, Intro to Engineering

**Club Service Awards:** FTC Robotics Team (Vice President, Programming Team Lead), Video Production Studio (Director), Jazz Band (Drummer)

**HS Achievement Scholarship Award:** Clarkson University

**Extracurriculars:** Drummer, Jazz Band, Pit Band, Concert, Band, Marching Band, Cross Country, Soccer, & Track

## WORK EXPERIENCE

**Otomation Technologies Inc.** | **Back End Developer** | [Dec 2020 – Present]

- Works together with people all around the globe in a team to develop web applications.
- Discusses and communicates with the team to develop solutions and solve problems
- Uses JavaScript, PHP, and MySQL to write clean and well-documented code.

**Town of Portland CT** | **IT Intern** | [May 2020 – January 2021]

- **Guides and assists** employees in using and troubleshooting their computers and other technology.
- Manage and deploy websites using **Wix**.
- Film and moderate town meetings through **Zoom**.
- Works together with other interns and staff.

**Portland CT Public Schools** | **IT Intern** | [June 2016 – August 2020]

- **Reduced** Chromebook repair **processing time by 95%** through own **initiative** and time in **development of custom software**
- **Manages** Chromebook repairs
- Maintaining and updating repair process software
- **Communicating** with team to share info and **develop solutions**
- **Troubleshooting** computer / tech devices for staff & students
- Contributed ideas and plans for distance learning procedure

**Soccer Referee** | [September 2015 – Present]

- Ensures soccer games are carried out in a safe and fair manner
- **Collaborates** with assistant referees
- **Communicates** with coaches and players
- Stays current with IFAB rules and rule changes
- **Mentors** and coaches new referees