

# Nathan Gilbert

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## OBJECTIVE

To obtain a remote co-op position for Spring 2023 and/or Summer 2023 that will challenge me as well as expand my knowledge in the process of developing, designing, testing, and deploying polished Frontend and/or Backend software.

## EDUCATION

**Rochester Institute of Technology, Rochester, NY — GPA: 3.47**

Bachelors in Software Engineering, Expected May 2024

## SKILLS

**Programming:** JavaScript, Java, TypeScript, Python, Apex, PostgreSQL, MongoDB, NodeJS, HTML, CSS, C

**Technical:** Software Architecture & Design, OOPs, UML diagramming, Lucidchart, Git/GitHub, Git Bash, RBMS diagramming, npm Figma, Postman, Google Suite, Vim, Salesforce platform

**Soft:** Time & Project Management, Communication, Patience, Critical thinking, Collaborative, Adaptable, Accountable, Reliable

**Libraries & Frameworks:** React.js, Mongoose, Express, Bootstrap/Reactstrap, Flask, Django, JUnit, unittest

## WORK

### **Internships/Co-ops:**

**Red Argyle – Part Time Software Engineer**, Canandaigua — January 2022 – May 2022,

**Red Argyle – Co-op Engineer**, Canandaigua — May 2021 – December 2021

- Utilized Salesforce tools such as Apex, Flows and Lightning Web Components to test and develop quality software from the frontend to the backend.
- Coordinated with clients to develop Salesforce solutions.
- Working in sprints of two weeks, finishing tasks, assigning tasks, and reducing our estimation for tasks.
- Wrote documentation for overviews on larger features, giving insight into the workings of the software.

### **Coding Camps:**

**Gananda Coding Camp – Camp Instructor**, Gananda HS — July 11th, 2021 – July 21th, 2022

- Instructed a Java coding camp with three other instructors for the Gananda Central School District.
- Coordinated with the school district to get the coding camp up and running.
- Developed the curriculum, slides, and files for the students to use and reference later.
- 20 Students signed up from grades 7th–12th to learn the basics of Java over two weeks.
- Students showed great progress and understanding from pre and post assessments.

**Gananda Coding Camp – Camp Instructor**, Gananda HS — July 12th, 2021 – July 16th, 2021

- Founded and instructed a Python coding camp with two other instructors for the Gananda Central School District.
- Coordinated with the school district to get the coding camp up and running.
- Developed the curriculum, slides, and files for the students to use and reference later.
- Students from 6th–12th grade were able to come and learn Python Basics for 1 week.
- The outcome of the camp was so positive we are planning more for future school breaks.

## PROJECTS

**WebCheckers**, Team School Project — August 2020 to November 2020

Tools: Java, JUnit, Maven, Git Bash, IntelliJ

- Developed a working checkers web app by dividing user stories between teammates.
- Divided the workload into UI, Model, App, Controller, Tests.
- Learned by applying object-oriented principles and designs such as GRASP and SOLID.
- Went through the OpenUP process through Agile sprints with code reviews.
- Designed state charts, sequence diagrams, and domain models to provide in a documentation document for team members and the product owner.
- Handled POST and GET HTTP requests and responses to their appropriate callers.

## VOLUNTEERING

**Computer Science Class visits**, Gananda HS — January 2022

- Visited different Computer Science and Cyber Security classes to encourage and give insight into going into a career regarding IT/Computer Science.