

Megan Goulet

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Education

Rensselaer Polytechnic Institute, Troy, NY

Bachelor of Science, May 2023

Major: Computer Science

Honors: Dean's Honors List Fall 2019, Rensselaer Leadership Award

Conard High School, West Hartford, CT

High School Diploma, June 2019

Honors: NCWIT National Aspirations in Computing National Winner, National Honor Society, National Spanish Honor Society, Bruce E. Douglas Scholarship for Overcoming Adversity

GPA: 4.1/4.5

Experience

Health Empowerment by Analytics, Learning, and Semantics (HEALS) Project, Troy, NY

Front-End Software Developer, February 2020 - Present

- Design Version 2 of Web Application GUI with HTML/CSS and JS.
- Design future updates to web design.
- Main front-end web developer of project based in Node-Red.

Enlighten.Net, Farmington, CT

Back-End Software Developer, June-August 2019, June-August 2020

- Create new Storage Provider to store incoming documents into multiple, configurable Amazon S3 Buckets.
- Manage configuration data within the Windows Registry.
- Pass in data to front-end using Web API.
- Begin implementation of a verify bucket command-line tool to compare between the storage system and the database log.

Mobile Apps for Hartford, Hartford, CT

Mobile Software Developer, July-August 2018

- Communicate with Latin Enrichment Organization on application requirements and necessities.
- Design, develop, and publish *Nisimo* mobile application using MIT App Inventor 2.

Activities

Coding && Community, Rensselaer Polytechnic Institute, NY

Volunteer/Member, September 2019 – Present

- Java Instructor: Assistant in teaching Troy High School students on how to develop code in Java.
- STEP Instructor 2020: Teach computer science concepts to middle school students, design cybersecurity curriculum.

Association for Computing Machinery – Women's Division, Rensselaer Polytechnic Institute, NY

Member, September 2019 – Present

- Weekly meetings to support other female/non-binary Computer Science majors at RPI.

National Girl's Collaborative Project Advisory Board

Volunteer/Member, January 2019 – Present

- Monthly meetings to discuss Advocacy for Girls and Non-Binary students in STEM.
- Volunteer to assist in various projects targeted towards women in STEM.
- National Advocate for girls and young women in STEM.

Technology Student Association

State Treasurer/Volunteer/Member, September 2012 – June 2019

- Design and create various STEM projects, such as Dragster Design, Video Game Design, and Web Development.
- Volunteer to prepare high schools for the Connecticut TSA State Conference.
- Manage funds for the Connecticut Technology Student Association throughout the 2018-2019 academic year.