

Gabe Nelson

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nelsong1997.github.io

EDUCATION

Bates College, Lewiston, ME (Bachelor of Arts, Magna Cum Laude) *May 2020*

Mathematics Major, Russian Minor, Learning and Teaching GEC

GPA: 3.89/4.00

Dean's List

Winter & Fall 2017, Winter & Fall 2018, Fall 2019, Winter 2020

Burlington Code Academy, Burlington, VT

Summer 2019

Certified Web Developer

SKILLS

SQL, RPG IV, JavaScript, React, HTML, CSS, Python; Agile & Scrum; VS Code

WORK EXPERIENCE

Vermont Information Processing, Colchester, VT

April 2022-Present

Software Engineer I

Refines and improves upon an application used by the largest beverage distributors in the United States. Collaborates with teammates primarily to write but also to define, plan, and test software using Agile and Scrum methodologies. Writes and reviews IBM RPG IV and SQL backend code, analyzing changes made to a decades-old application maintained by several development teams.

Vermont Information Processing, Colchester, VT

August 2020-April 2022

Support Specialist

Helped beverage distribution professionals utilize a sales, operations, and inventory reporting application. Addressed questions and concerns and did troubleshooting for technical issues.

PROJECTS (see more here: nelsong1997.github.io)

Data Validation Rewrite, Vermont Information Processing, Colchester, VT

October 2023

Software Engineer I

Evaluated and rewrote a core data validation procedure requiring major changes due to urgently needed database restructuring. Drastically reduced code duplication and increased readability, speed, and maintainability while also adding compatibility with the new database structure.

Grocery List App, South Burlington, VT

March-June 2023

Web Developer

Developed a grocery list app using React with import/export functions for mobile web browsers.

"Zombie Game," Bates College, Lewiston, ME

Spring 2020

Web Developer

Built a web app version of an academic Biomathematics game that abstracts aspects of how diseases spread through a population depending on different variables such as infectiousness, population density, and vaccination. This app was published on [Utah State University's website](#).

COMMUNITY SERVICE

Burlington City Arts, Burlington, VT

January 2022-Present

Clay Studio Assistant

Helps studio members and students by answering questions and providing advice. Maintains the studio by cleaning, loading and unloading kilns, and recycling clay, among other responsibilities.