

# Brogan Wright

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## Education

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**Bridgewater State University**, Bridgewater, MA  
Bachelor of Science in Computer Science, Minor in Mathematics  
GPA 3.93, *graduated summa cum laude*

September 2019 – May 2023

## Relevant Experience

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**Maritz (Convention Data Services)**, Fenton, MO

August 2023 – Present

*Software Analyst, Software Engineer*

- API maintenance, bug fixing, and documentation for a RESTful API web service written in C#
- Responsible for ETL data merges that pull SFTP server files into internal databases, including writing and optimizing stored procedures and SQL Agent jobs for automated, scheduled pulls
- Performing end-to-end testing/QA of integrations to ensure proper functionality after initial setup, updating the application if necessary, or working with the client to verify authorization/endpoints
- Providing client and internal support by monitoring an integrations support email inbox and assisting with troubleshooting and problem resolution

**ComputerVault**, Worcester, MA

January 2023 – May 2023

*Junior Software Developer Intern*

- Collaborated with R&D and Operations teams to install, operate, and maintain software
- Operated in a Linux environment, utilized command line and shell scripting
- Wrote, reviewed, and edited software documentation

**Bridgewater State University**, Bridgewater, MA

February 2021 – May 2022

*Computer Science Tutor*

- Coached students with understanding fundamental concepts about CS (Python, Java, Data Structures/Algorithms) as well as assisting them with assignments and projects
- Examined student attempts at projects and assignments to assist with fixing bugs or clarifying ideas

## Honors

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*Inductee*, **Pi Mu Epsilon National Honors Society**

2023

*Recipient*, **Dean's List** every semester, BSU

2019-2023

*Recipient*, **Dr. Linda Wilkens and Dr. Glenn Pavlicek Computer Science Scholarship**, BSU

2021

## Technical Skills

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**Programming Languages:**

Python, Java, HTML/CSS, JavaScript, SQL, and C#

**Software:**

Visual Studio, VS Code, SSMS, Azure Data Studio, Postman

Microsoft Word, PowerPoint, Excel, and Adobe Photoshop

**Computer Hardware:**

Built multiple PCs, knowledge of various parts and their function

## Projects

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**Random Map Generator** - <https://github.com/broganmwright/Random-Map-Generator>

A procedural terrain/map generator that constructs a unique map by using the Perlin noise algorithm, displays the map visually with p5.js, a JavaScript library used to create visuals