

Jack McGowan

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Education

University of Vermont, Burlington, VT	2019-2023 (expected)
<ul style="list-style-type: none">• Bachelor of Science in Computer Science• Minor in Business Administration• GPA: 3.23	
Berwick Academy High School, South Berwick, ME	2015-2019

Experience

Work

- **University of Vermont ETS Client Services** 04/2021 – Present
 - Provide IT and Computer Hardware support to students and faculty on enterprise solutions
- **Equality Asset Management** 06/2021 – 08/2021
 - Designed internal tool for data cleansing using JavaScript to be used in PowerBI models.
- **The Green Bean on Water** 04/2018 – 10/2018
 - Fulfilled both Front-of-House and Back-of-House tasks
- **Wheel Power Bicycle Shop** 06/2016 – 09/2016
 - Utilized mechanical skills to perform tasks as a bicycle mechanic

Projects

- **Raspberry Pi controlled Remote Control car**
 - Replaced on-vehicle PCB with a Raspberry Pi running custom Python scripts connected to motor-drivers to convert power from an external battery pack to DC signal to power the motors.
- **Catamount Classifieds**
 - Small scale web application utilizing PHP, HTML, CSS, and SQL to create and host craigslist style listings.

Technical Skills

Tools:

Visual Studio Code, CLion, PyCharm, NetBeans, Git

Languages:

C/C++, Java, Python, HTML, CSS, PHP, and SQL

Operating Systems:

Windows 7/8/10/11, MacOS X, Linux

Relevant Course Work:

Computer Programming I, II, III • Machine Learning • Data Structures and Algorithms • Computer Organization • Computability and Complexity • Discrete Mathematics • Linear Algebra • Operating Systems