Aaron Perkel

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Burlington VT | Macon GA

aaronperkel.com

github & linkedin
/aaronperkel

Projects

Blob Kart - Spring 2024

C++ Video Game Project inspired by Mario Kart.
github.com/owncook/Blob-Kart

DormKit

Prototype "smart dorm" product that allows a user to install hardware in their dorm to control certain electronics from anywhere on a college campus.
github.com/aaronperkel/DormKit

Utility Manager - Summer 2024

A web app to help track my two roommates' and my utility bills. Built using HTML, CSS, PHP, SQL, and Python.
github.com/aaronperkel/Utility-Manager

"Helping Hand" - Fall 2022

A prosthetic device to help people suffering from neuropathy to detect high temperatures. Created a custom PCB using KiCad.

Awards

10.23	Golden Key Honor Society
05.21	Excellence in Technology

Education

08.22—PRESENT	University of Vermont - Burlington VT
Graduation 05.25	*Bachelor of Science in Computer Science Mathematics Minor*

Relevant Courses

- Calculus III
- Differential Equations
- Intermediate Programming
- Advanced Programming
- Applied Probability
- Linear Algebra
- Computer Organization
- Computability and Complexity
- Data Structures & Algorithms
- Web Site Development

Skills & Interests

- Python
- Java
- C++
- HTML / PHP / SQL
- KiCad / PCB Design
- Fusion 360
- Video Editing

Work Experience

01.24—PRESENT	Computer Science Teaching Assistant UVM CS - Burlington VT
	Provide one on one help to over 100+ Advanced Programming, Intermediate Programming, and Data Structures & Algorithms students. Grade weekly assignments.
11.23—PRESENT	ETS Student Technician UVM Tech Team - Burlington VT
	The Tech Team serves as the main entry point for all IT support issues at the University of Vermont.
06.21—08.23	Mover Previews Interiors and Antiques - Macon GA
	Drove moving van and delivered clients furniture to their homes. Moved large items around workshop.