

Aaron Perkel

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Burlington VT | Macon GA

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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 12.25	Bachelor of Science in Computer Science Mathematics Minor

Relevant Courses

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

Skills & Interests

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

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.