Aaron Perkel

Contact

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Burlington VT | Macon GA

GitHub & Linkedin /aaronperkel

Projects

Spring 2024
Blob Kart
C++ Video Game Project inspired by Mario Kart
github.com/owncook/Blob-Kart

Summer 2024
Utility Manager
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

Summer 2024
Room Status Sign
An E-Ink display that is mounted on the door to my room that shows the status of what I am currently doing.
github.com/aaronperkel/Room-Display-Sign

Fall 2023
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

Clubs

UVM AERO
OCT 2024
Member at University of Vermont

Golden Key Honor Society
OCT 2023
Member at University of Vermont

Awards

Excellence in Technology
MAY 2021
Recieved from Stratford Academy

Education

AUG 2022 - MAY 2025
University Of Vermont
Burlington, VT

- Bachelor of Science in Computer Science
- Mathematics Minor

Relevant Courses

- Data Structures & Algorithms
- Algorithm Design & Analysis
- Computer Organization
- Advanced Programming
- Intermediate Programming
- Discrete Structures
- Cybersecurity Principles
- Computability and Complexity
- Data Privacy
- Mobile App Development

Skills and Interests

- Programming Languages: *Python, Java, C++*
- Web Development: *HTML5, CSS3, PHP*
- Mobile App Development: *iOS (Swift), Xcode*
- Database Management: *SQL*
- Soft Skills: *Problem-Solving, Customer Service, Adaptability*

Work Experience

JAN 2024 - PRESENT
Computer Science Teaching Assistant
UVM CS - Burlington, VT

- *Conduct weekly grading of assignments and projects, ensuring timely and constructive feedback.*
- *Collaborate with faculty to develop course materials and improve curriculum effectiveness.*

NOV 2023 - PRESENT
ETS Student Technician
UVM Tech Team - Burlington, VT

- *Serve as the primary contact for IT support, addressing and resolving technical issues for university staff and students.*
- *Provide technical support to students and faculty, resolving software-related issues efficiently.*
- *Respond to incoming phone calls and emails, addressing IT support requests and troubleshooting technical problems.*

JUN 2021 - AUG 2023
Mover
Previews Interiors and Antiques - Macon, GA

- *Handled and moved large and delicate items with care, minimizing damage and ensuring customer satisfaction.*