Samantha Adams

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EDUCATION

College of the Holy Cross   Expected May 2026
Bachelor of Arts in Computer Science, Minor in Geoscience   *Worcester, MA*
Relevant Coursework: Software Engineering, Advanced Java and Object Oriented Programming, Advanced Algorithms, Analysis of Algorithms, Data Structures, Machine Learning, Programming Languages: Design and Implementation, Computer Systems and Organization, Discrete Mathematics

SKILLS

Languages: Java, Python, C#, JavaScript, HTML/CSS, SQL (Postgres)
Frameworks/Libraries: .NET/Blazor, React, Django, Node.js, Express.js
Other: Git, Postman, MongoDB, VSCode, Visual Studio, IntelliJ, Jira, Agile, Figma

PROJECTS

Pantry to Plate | *C#, Blazor* | Github Repository
- Developed a **Blazor** web app with 2 team members for recipe suggestions based on user-inputted ingredients
- Executed 5+ GET requests to third-party Spoonacular API to then manipulate and query with **LINQ**
- Implemented **object-oriented programming** to create 10+ classes related to recipe data

PlayVault: Gaming Log | *Python, Django, PostgreSQL* | Github Repository
- Led team of 2 developing video game tracking site by creating and assigning **Jira** tickets for each sprint
- Utilized REST API endpoints to fetch and locally store video game data into **PostgreSQL** database
- Added AJAX in **HTML** files for responsive UI updates to improve UX

Althea | *JavaScript, React* | Github Repository
- Collaborated with 3 peers on award-winning medicine side effect detector at HackHarvard on the Patient Safety Track
- Created 5 responsive front-end pages alongside teammate, displaying medications based on user symptoms
- Designed mock displays on Figma, taking into account a simple UI/UX for accessibility purposes

Bearchat: Messaging Site | *JavaScript, React, Node.js* | Github Repository
- Produced RESTful routes and middleware with Express.js and validated API functionality using Postman
- Structured 3 MongoDB collections for user, message, and conversation data storage
- Used WebSockets with socket.io to display real-time online statuses

EXPERIENCE

Student Computer Consultant   August 2023 – May 2024
College of the Holy Cross   *Worcester, MA*
- Resolved issues on Windows and Mac platforms for campus population, reducing repeat tickets by 50%
- Communicated with users through Solarwinds ticketing system handling up to 5 tickets per shift
- Distributed devices to users from an inventory with over 300 items in a timely manner

ORGANIZATIONS AND ACTIVITIES

Competitive Coding, Python for Business Analytics Bootcamp Teaching Assistant, Computer Science Peer Mentor, ColorStack, Rewriting the Code, Latin American Student Organization (executive board), Collegiate Esports