

JACK ZGOMBIC

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EDUCATION

Rensselaer Polytechnic Institute (Cumulative GPA 3.87)

B.S. in Computer Science, Minor in Information Technology & Web Science

Troy, NY

Expected May 2026

Villanova University (Cumulative GPA 3.83)

B.S. in Computer Science

Villanova, PA

2022-2023

Relevant Coursework: Data Structures, Algorithms, Database Systems, Software Design & Documentation,
Principles of Software, Operating Systems, Programming Languages, Computer Organization

WORK EXPERIENCE

Hiveclass

Developer

New York, NY (Remote)

June 2023 - Present

- Compiling database information using SQL to present business analytics to company executives
- Designing tools using LookML within Looker to create automated workflows for data presentation
- Creating online tools with full-stack development skills to make data accessible to other members of the team
- Collaborating with non-technical superiors to ensure an understanding of technical limits

PERSONAL PROJECTS

Super Golf | C#, Unity

January - February 2022

- Developed in the Unity game engine over a period of two months to create a multiplayer golf game
- Scripted game logic using C# to calculate scores, manage players, and display visual effects
- Employed Unity's built in tools to implement graphical user interfaces and shader scripts
- Updated the game one year later to add accessibility features and fix bugs from initial release

CARPI Bot | Python, MySQL

December 2023 - Present

- Organizing backend data storage using a MySQL database to increase platform reliability and efficiency
- Designing a course search algorithm with SQL to present relevant information to students
- Working closely with project lead to properly organize the project backend for scalability
- Collaborating with a team of 10 developers through a Git workflow to ensure organized code

ChatKeyPT | Flutter, Firebase

May - August 2024

- Deployed an iOS and web application built with Flutter, achieving 60+ app downloads and 40+ user accounts
- Maintained a total development cost of \$10 over 3 months to prove the platform's cost efficiency
- Designed the application with a highly reactive interface to ensure proper operation on a variety of platforms
- Implemented a secure backend using Firebase to handle data storage and user authentication

EXPERTISE

Languages: Python, C#, Java, MySQL, C/C++, LookML, HTML, CSS, JavaScript, Dart

Libraries/Frameworks: Alpine.js, Tailwind CSS, React, Node.js, Flutter

Tools/Software: Visual Studio Code, Unity, Blender, GitHub Desktop, MySQL Workbench, Looker, Firebase