

# 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 the 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