Froilan Zarate Jr

zarate_rj@yahoo.com / https://github.com/rjzarate
(408) 600-9717 / https://www.linkedin.com/in/froilan-zarate-jr-computer-scientist

Professional Summary Objective

Aspiring backend and mobile app developer with a Bachelor's of Computer Science at San Jose State University. Currently focusing on honing my software and programming skills while simultaneously developing a custom D&D website.

Education

San José State University | GPA: 3.8   *May 2025*
- Bachelor of Science, Computer Science

Skills

C++, C#, C, Java, JavaScript, Python, Touch Typing (120WPM), SQL, SQLite, Flask, ReactJS, JavaFX, Git
Team Coordinating, Multitasking, Critical Thinking, Problem Solving

Projects

Cinket Campaign D&D | Personal | https://cinket.com/ | Password: *Limitless*   *Aug. 2024 – Current*
- **Custom D&D website** of **30,000+ words** using **Obsidian's Digital Garden**
- Uses **JavaScript querying** for displaying **100+ table entries**
- Uses **Cloudflare** and **Octauthent** for **password protection**

K4T | Club | https://froilan-zarate.itch.io/k4t   *Feb. 2024 – May 2024*
- **Pitched** a unique game concept and producing a **Unity mobile game**
- Used **GitHub workflow** for game development
- **Delegated workload** to **9** programmers, **5** artists, **4** game designers, and **2** story writers

Bug Tracker | School | Google Drive Link   *Aug. 2023 – Dec. 2023*
- Worked with a **group of 3**, using **AGILE** to track and maintain progress
- Involved **UML diagrams** and **specification documents**

Catch Bobo | Personal | https://github.com/rjzarate/Catch-Bobo   *Aug. 2022 – Feb. 2023*
- **90% coded** a **multiplayer minigame** within Minecraft using Mojang's mcfunction language
- Used various coding techniques such as **dynamic JSON descriptions** and **game states**
- **3D-modeled custom low-poly textures** through Blockbench

Soulace | Club | https://a-fam.itch.io/soulace   *Aug. 2022 – Dec. 2022*
- **Organized 5+ in-person group meetings** and set-up **3+ online meetings**
- Distributed the workload and created **8 multiple timelines** displaying the work schedule
- Was the **main speaker** for **2 club progress presentations**

Work Experience

Milpitas Star Aquatics & Fitness | Front Desk Receptionist   *Aug. 2024 – Current*
- Using a **database** to alter customer's membership and swimming information

Teasociety | Cashier & Barista   *Aug. 2022 – Feb. 2023*
- **Memorized** the process of making **+40 drinks**
- Alone, **finished a 20-drink Door Dash order** while simultaneously taking walk-in orders