Isaac Guerrero

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○ https://github.com/Isaag1

EDUCATION

Bachelor of Science in Information Technology	**May 2024**
New Jersey Institute of Technology	Newark, North Jersey

- Course Modules:
  - Systems Integration | Capstone Project | Computer Systems Security
  - Computer Systems and Network | System Administration| Building Web Applications

Associates in Science in Information Technology	**May 2021**
Bergen Community College	Paramus, North Jersey

- Course Modules:
  - Networking Technology | Technical Communications

KEY SKILLS

Programming Languages: Python, Java, JavaScript, HTML, CSS, MySQL, C#, PHP, jQuery

Version Control: Git, GitHub

Software: Unity, Office 365

Bilingual: Fluent in English and Spanish

ACADEMIC PROJECTS

Bank Simulation Web Application| https://github.com/Isaag1/IT202-004

- **Project Summary:** Developed a web application simulating banking operations, covering the frontend, backend, and data layers. Utilized HTML5 and CSS3 for markup and styling, JavaScript and jQuery for client-side scripting (with AJAX), PHP for server-side scripting on Apache, MySQL for data storage, Git for version control
- **Technologies Used:** HTML, CSS, JavaScript, jQuery, AJAX, PHP, MySQL
- **Description:**
  - Successfully designed and deployed a versatile web application simulating banking operations, covering frontend, backend, and data layers
  - Orchestrated the implementation of secure user authentication with password hashing and error handling, ensuring data integrity
  - Created a dynamic account management system, empowering users to create, manage, and interact with various account types (checking, savings, loans)
  - Executed a comprehensive transaction tracking system, recording and presenting detailed transaction histories for heightened financial transparency
  - Established role-based access control, fortifying the application's security and safeguarding user data privacy
  - Enabled deposit, withdraw, internal transfers, and external transfers
  - Developed a transaction history page with filtering and pagination
  - Implemented net worth calculation and savings account functionality

Meal Planner Web Application | https://github.com/Isaag1/IT490-Tech-Titans-M23

- **Project Summary**: Developed a web application that simulates a meal planner, allowing users to find recipes, create weekly meal plans, and interact with a community of food enthusiasts
- **Technologies Used**: HTML, CSS, JavaScript, PHP, MySQL, API integration
- **Key Achievements:**
  - Developed a role-based system, allowing Admins to manage system data through the web UI
  - Designed an intuitive recipe search and pinning system
  - Enabled users to create custom recipes with ingredients, steps, and images
  - Implemented user profiles with public and private views
  - Developed a weekly meal planner with extra recipe suggestions
  - Fetched and cached recipe data from an external API
  - Implemented a user review and rating system for recipes
  - Featured trending recipes and verified users' meal plans on the main page

Chatroom | https://github.com/Isaag1/IT114-006

- **Project Summary:** Created a global chatroom for users to communicate. Implemented server and client functionalities, utilized Python for server-client communication, and applied HTML5 and CSS3 for user interface design
- **Technologies Used**: Java, Git

- **Description**:
  - Successfully developed and deployed a global chatroom, enabling real-time communication among users, enhancing connectivity and engagement
  - Engineered a scalable server architecture capable of managing simultaneous connections and ensuring efficient message distribution
  - Innovated by introducing advanced message command features (/roll, /flip) for interactive user interactions
  - Demonstrated commitment to user privacy and security through the implementation of robust registration, login, and authentication systems
  - Applied advanced socket programming techniques for real-time communication.

WORK EXPERIENCE

Passaic Recreation   Jun 2022 - Sep 2023

Monitor   Passaic, NJ

- Conducted site visits to 8 locations across Passaic, optimizing site performance and compliance
- **Facilitated** the management of receipts and documentation, **meticulously reviewing** and **promptly submitting** documents, ensuring **99% accuracy** in record-keeping.

Boys and Girls Club   Apr 2019 - Sep 2021

Youth Development Specialist   Passaic, NJ

- Oversaw the safety and well-being of up to 20 youth participants at a time
- Offered comprehensive homework assistance and tutoring in various subjects to **over 50 students**

EXTRACURRICULAR ACTIVITY

- **Association for Computing Machinery | NJIT | Jan 2023 - Present**
- **Secretary:**
  - Responsible for recording minutes of chapter meetings and making them publicly available.
  - Expedited submission of crucial paperwork to ACM National and/or NJIT Student Senate.
  - Maintained an up-to-date membership roster.
  - Managed sponsorship matters for major events.