

Vincent Loretta

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SUMMARY

Software engineering graduate from Monmouth University with experience in PHP, Java, and JavaScript languages with knowledge of React.js and CodeIgniter frameworks in addition to vast experience with Full-Stack development. Excellent analytical, technical, and programming abilities. Able to work well in a team and communicate effectively with exceptional time management skills. Seeking a position as a software engineer to contribute to the delivery of quality software solutions by applying interpersonal skills and knowledge of Object-Oriented design.

EDUCATION

Monmouth University, West Long Branch, NJ
Bachelor of Science in Software Engineering, May 2024

Software Engineering Major, Mathematics Minor
Cumulative GPA: 3.63/4.00; *cum laude*

WORK EXPERIENCE

Software Developer Intern, RunSignup, Moorestown NJ | May 2023 – August 2023

- Remodeled various pages on RunSignup website and API to improve consistency across pages.
- Worked with APIs, furthered PHP and JavaScript skills, and made multiple improvements to the RunSignup websites.
- Cooperated with User Experience team to create a user-friendly interface with JavaScript and CSS.
- Formulated a strong understanding of an expansive codebase and developed vast understanding of tools (Docker, Sequel Ace).
- Communicated effectively and worked with a team to deliver updates on a weekly basis via Agile Methodology.
- Completed 16+ GitHub issues all of which became finalized additions to the RunSignup websites.

PROJECTS

RunSignup XC Leaderboard Senior Project | Monmouth University, West Long Branch NJ | September 2023 – April 2024

Description: Leaderboard project for RunSignup company that allows relevant race information to be displayed at track meets or cross-country events. This application allows users to navigate to a race via search and view finisher statistics for the desired race.

- Created Front-End application in ReactJS to query Back-End Flask application and display data presentably.
- Implemented GraphQL via Front-End Apollo Client for querying RunSignup REST API methods and Back-End application.
- Required JavaScript, HTML, and CSS coding proficiency with vast understanding of GraphQL query language.
- [Link to Published Blog: https://info.runsignup.com/2024/05/17/monmouth-university-cross-country-leaderboard-project/](https://info.runsignup.com/2024/05/17/monmouth-university-cross-country-leaderboard-project/)

Full-Stack Web Application Project | Monmouth University, West Long Branch NJ | January 2023 – April 2023

Description: Developed a job portal web application using CodeIgniter framework, centered around employers and job seekers.

- Implemented Front-End and Back-End development covering grounds such as database records and PHP coding.
- Utilized local server instances, MySQL Workbench, and maintained (CRUD) Create, Read, Update, Delete operations.
- Development prioritized Model, View, Controller (MVC) pattern.

Full-Stack Web Application Project | Monmouth University, West Long Branch NJ | October 2022 – December 2022

Description: Created a Book Club application that allows users to review, add, and borrow books.

- Created a Book Club database, utilizing MySQL Workbench, to create, read, update, and delete various book records.
- Required PHP coding skills, local server instances, and Model, View, Controller (MVC) implementation.

RELEVANT SKILLS + TECHNOLOGIES / COURSEWORK

Skills + Technologies

Java	CodeIgniter	Docker
JavaScript	React.js	Eclipse
PHP	Node.js	Visual Studio Code
Python	Windows	Android Studio
SQL	macOS	MySQL Workbench
HTML & CSS	Linux	Git
MongoDB	GraphQL	GitHub
MySQL	Apollo Client	MAMP & XAMPP

Coursework

Engineering Web-Based Systems	Game Development
Data Structures & Algorithms	Formal Methods
Software Design & Architecture	Geographic Information Systems
Software Frameworks	Operating Systems
Requirements Engineering	Software Process Improvement
Software Verification	Human Computer Interaction
Cyber Security	Computer Architecture

EXTRACURRICULAR ACTIVITIES AND CLUBS

- Member of the Institute of Electrical and Electronics Engineers (IEEE) | 2022 – Present
- Monmouth Hawk Hack – Hackathon | February 24, 2023
 - Proctored a coding exam distributed to high school students where they were tasked with writing code on a timed basis.
 - Reinforced students' passion for software engineering and computer science.