# Joshua Figueroa

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## OBJECTIVE

Results-oriented and highly motivated Computer Science student with a passion for software development. Seeking an internship position to apply my technical skills in programming, problem-solving, and software design. Eager to contribute to innovative projects, enhance my programming proficiency, and gain practical experience in a dynamic and collaborative team environment.

## EDUCATION

**Kean University** Union, NJ
BS, Computer Science **May 2025**
Dean's List

## RELEVANT COURSEWORK

- Computer Programming
- Data Structures
- Database Management Systems
- Object Oriented Analysis and Design
- Operating Systems

## SKILLS

**Technical Skills:** Java, MySQL, Python, JavaScript, PHP, HTML, CSS, GIT, Microsoft Office, Google Workspace
**Soft Skills:** Collaboration, Communication, Problem-Solving, Leadership

## WORK EXPERIENCE

**Quality Assurance Technician** **Aug 2023 – Current**
Kean University OCIS

- Perform equipment diagnostics to recommend corrective actions for operational problems.
- Collaborate with developers to resolve technical problems related to software quality assurance.
- Identify opportunities for process improvements within the overall Quality Assurance program.
- Use pre-existing metrics and reporting tools to track progress against key performance indicators.

## PROJECTS

**Bank Management System** **Jan 2024 - Mar 2024**

- Developed a web-based bank management system as part of a class project, utilizing **PHP** for server-side scripting, **HTML** for front-end presentation, and **MySQL** for database management.
- Implemented a secure authentication system to ensure that users can sign in securely and access their respective accounts.
- Designed and integrated features for users to perform various financial transactions, these include all CRUD operations.

**BigInteger** https://github.com/joshfigs/Project/tree/main **Oct 2023 - Dec 2023**

- This **Java** program for Data Structures used Linked Lists in order to store and perform arithmetic on integers which were longer than the allowed size of 32 bits.
- Took the number as a string converting each digit into a node of a stack. Using this strategy, any size of number would be able to be stored and arithmetic operations were made possible by working from the least significant digit to most significant.
- Program was also able to recognize unnecessary leading zeros and remove them.

## COMMUNITY INVOLVEMENT

**Association for Computer Machinery(ACM), Member** **Jan 2024 - Current**