

# Herby Francois

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Irvington, New Jersey 07111 ♦ 9739228462 ♦ herbyfr46@gmail.com ♦ WWW:

<https://github.com/Francois-H> ♦

WWW: <https://personal-site-qv4d.onrender.com>

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## Education

Bachelor of Science: Computer Science, Expected in 05/2026

Kean University – Union, NJ

• 3.51 GPA

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## Professional Summary

Computer Science student with hands-on experience in full-stack web development, systems programming, and network configuration. Skilled in JavaScript, Node.js, PostgreSQL, and Linux, with a strong track record of building and debugging complex applications and interactive user experiences. Proven ability to contribute to academic projects, integrate APIs, and develop accessible, real-world software solutions.

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## Skills

JavaScript (React, Angular, Vue, Node)	HTML
Python	CSS
Java	SQL

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## Experience (coursework)

### Academic Project – Robotic Floor Sweeper System,

Kean University – Union, NJ

- Created detailed UML diagrams (use case, class, sequence, and communication) to model a robotic cleaning system.
- Designed subsystems, database schema, and servlet interactions following structured software engineering methodologies.

### Linux Networking Lab – CPS-4200,

Kean University – Union, NJ

- Configured virtual networks using Linux namespaces, bridges, and iperf3 for performance testing.
- Set up NAT masquerade and DNS forwarding to enable external internet access from isolated environments.

### Software Development Project – Web Game,

Kean University – Union, NJ

- Designed and developed a one-of-a-kind browser game using HTML, CSS, and JavaScript, featuring custom visuals, audio, and keyboard controls.
- Implemented game mechanics, restart logic for an interactive user experience.
- Deployed the game to the web using Git and static hosting platforms.

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## **Projects**

Created a Simple Matching Card game (HTML, CSS, JavaScript)

Collaborated with peers to develop a pet foster Website (HTML, CSS, JavaScript, MongoDB)

Created a personal portfolio website with AI ChatBot Integration (HTML, CSS, JavaScript)

Developed Simple Trip Advisor App (Java)