

CYRILLE YELIBI

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Headline

Dedicated junior engineer with hands-on software development experience. Proficient in C++, Python, and Java with a proven ability to create user-friendly applications and analyze technical data for actionable insights. I am looking for tech roles in dynamic teams that work on challenging business problems.

Skills

Software: LIMS, SAP, GraphPad Prism, Image Studio, Image J, Eclipse, Microsoft Visual Studio 2022, AWS, AZURE, CI/CD concepts, Netlify, MongoDB, MySQL, VS Code.

Coding: Javascript advanced (Node.js, React, Angular), C++ intermediate, Python advanced, SQL intermediate, NoSQL intermediate, UML intermediate, cybersecurity beginner, Secure coding practices intermediate.

Web Development: HTML, CSS, JavaScript, RESTful APIs, Frontend Frameworks (Angular, React), Backend Frameworks (Express.js, Spring Boot)

Laboratory skills: Calibration and maintenance of equipment. Data analysis and documentation.

Language skill: Ability to communicate effectively and work collaboratively in a team. Fluent in French.

Project Management skills: JIRA, Agile, Scrum, Trello, Technical documentation, Version Control (Git, GitHub), Zoom, Microsoft Teams.

Education

Southern New Hampshire University

May 2025

B.Sc. Software Engineering,

Indiana University

2016 (DNF)

B.Sc. in Biology,

Experience

YNLGlobal

Jul 2025– Present

Intern Developer

- Debugging, writing clean and maintainable code. Assist in designing, developing, and testing features for the MyPath-AI platform. Collaborate with senior engineers, product managers, and designers to implement AI-driven functionality, enhance user experience, and resolve technical issues.

SpinCityLab

Nov 2024– Jul 2025

Research Intern

- Lead the implementation of topic models using Gemini LLMs: Text Generation and text embedding. Computed similarities to relate text data. Create graphs using text similarities to detect groups of similar objects. Managed the project workflow using JIRA.

Boehringer Ingelheim

July 2018– Dec 2022

Laboratory Technician II

- Cultured, inoculated, and maintained virus-infected stocks of CEFs Performed laboratory process under laminar flow biohoods and a HEPA filtered environment Created virus-infected cells for production of poultry disease vaccines Collected blood, tissue and media samples for quality control

Relevant Projects

Full Stack Development | SNHU CS-465

- Designed and developed a MEAN stack application using MongoDB, Express, Angular, and Node. Gained practical experience in problem solving, best practices, and detailed design principles. Developed proficiency in version control with GitHub for project management.

Secure Coding | SNHU CS-405

- Identified and mitigated common security vulnerabilities in software. Developed techniques for writing secure, robust code to counter evolving security threats.

Semantic analysis of LLM model GEMINI | SpinCityLab

- Led a data science research project using Google's Gemini LLM and Text Embedding APIs to generate a dataset of 1,062 African cuisine recipes. Transformed text data into high-dimensional embeddings and applied statistical and graph-based techniques (KNN, Louvain clustering) to identify semantic similarities across culturally diverse food items.