

Valery Louis

Dover, DE • (302) 487-3661 • louisvalery2022@gmail.com • [linkedin.com/in/valery-louis/](https://www.linkedin.com/in/valery-louis/) • github.com/Vlouis22

EDUCATION

Delaware State University

Expected: May 2026

Bachelor of Science in Computer Science

GPA: 4.0

Relevant Coursework: Data Structures & Algorithms, Web Development, Database Systems, Operating Systems, Data Science

Awards: Hackathon 2nd Place Winner, National President's List (5x), Presidential Scholarship, CS Club Member

SKILLS & CERTIFICATIONS

Programming Languages: Python, Java, JavaScript, Kotlin, C/C++, HTML, CSS, SQL, MySQL

Frameworks & Libraries: React, Node.js, Express.js, Supabase, REST APIs, Pandas, Seaborn, Scikit-learn, Matplotlib

Tools & Platforms: Git/GitHub, Postman (API Testing), Figma, Visual Studio, Android Studio, Linux, Microsoft Access

Certifications: CodePath (Software Engineer, Android Development); Google Cybersecurity Professional Certificate

PROFESSIONAL EXPERIENCE

Delaware State University - Computer Science & Math Tutor

Aug 2023 - Present

Dover, DE

- Improved coding skills for 100+ students per semester in Python, Java, and Data Structures & Algorithms
- Led 30+ weekly small group tutoring sessions (1-6), fostering academic success in a supportive environment
- Guided students in developing critical problem-solving skills through algorithmic thinking and debugging strategies

Microsoft - Software Engineer Intern

May 2024 - Aug 2024

Atlanta, GA

- Integrated a push notification system for Microsoft Authenticator, scaling from 400,000 to over a million users
- Developed high- and low-level design documents to ensure the push notification feature was robust and scalable
- Conducted functional, unit, performance, and end-to-end testing to ensure the push notification feature's reliability
- Added telemetry to the push notification feature in the Authenticator app to monitor performance and usage

Code Differently - Technical Consultant

Jun 2023 - Aug 2023

Wilmington, DE

- Led and guided a group of 13 high school students through a 3-month web development program
- Provided personalized guidance & conducted code reviews, enhancing student proficiency in front-end technologies
- Enhanced personal proficiency in Python, Java, SQL, and React through immersive projects and expert-led sessions

Capital One - Software Engineer Apprentice

May 2023 - Jun 2023

Remote

- Completed an extensive software engineering training program at the Capital One Tech Summit
- Acquired technical expertise in iOS, Android, Web Development, AR, and Software Engineering Principles
- Led a team of 4 in building a receipt-saving web application for a hackathon at the conclusion of the tech summit

PROJECT EXPERIENCE

HEIM Church Website - [GitHub Link](#) | [Website Link](#)

Dec 2024 - Present

Developer

- Designed and implemented the official HEIM Church website, driving engagement with 100+ weekly users
- Developed key features, including multilingual support, payments, live streaming, event archives, and ride requests
- Utilized React, JavaScript, HTML, CSS, REST APIs, Netlify, Supabase, and Git/GitHub for development and deployment

EcoRunner - GitHub | [View Project](#)

Nov 2022 - Dec 2022

Developer

- Secured an impressive 2nd place among 20 teams in a competitive hackathon
- Managed team workflows, sprint designs, and coding tasks, ensuring on-time project completion and success
- Led backend development in Unity and C# to deliver a social good-focused gaming experience under tight deadlines