

GABRIEL PARAS ABIOG

AI DEVELOPER AND DATA ANALYST

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SUMMARY

Detail-oriented and analytical Computer Science student specializing in Quality Assurance and software development, with hands-on experience in AI-driven applications, API testing, and debugging. Skilled in designing test cases, tracking defects, and ensuring product reliability through both manual and automated testing. Adept at collaborating with cross-functional teams to enhance user experience and deliver high-quality solutions. Currently completing a Bachelor of Science in Computer Science at FEU Institute of Technology, with certifications in Python, Java, and networking.

PROFESSIONAL SKILLS

Testing	Debugging
Automation	Documentation
Scripting	Optimization
Problem-solving	Communication
Organization	Collaboration
Analysis	Troubleshooting
Design	Deployment
Integration	

TECHNICAL SKILLS

Python	Java
JavaScript	C++
Node.js	Express.js
React.js	MongoDB
REST APIs	AWS
Kali	Linux
Postman	Selenium
JUnit	PyTest

PROFESSIONAL EXPERIENCE

AI Developer Intern (Fullstack) – FEU Institute of Technology	Dec 2024 – Jul 2025
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- Designed and executed unit and integration tests for AI chatbot features, ensuring stability during backend API updates.
- Verified real-time chatbot response accuracy and optimized semantic search performance.
- Conducted manual and automated API testing using Postman and PyTest for Node.js + Express.js backend.
- Documented bugs, collaborated with frontend developers to fix UI/UX inconsistencies, and validated solutions before deployment.

Web Developer – IEMELIF Church Website (Team Project)	2024
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- Performed cross-browser and responsive testing for HTML, CSS, and Java-based pages.
- Debugged backend integration issues and ensured smooth livestream embedding.
- Developed a regression test checklist for future feature updates.

Teleperformance, Manila—Customer Service Representative	3 months
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- Supported healthcare and financial clients
- Maintained HIPAA/financial data compliance

AI Developer and Data Analyst - FEU Institute Of Technology	2 years
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- Design, train, and deploy machine learning (ML) and deep learning (DL) models for institutional needs. Collect, clean, and transform institutional data (academic, financial, HR, etc.) into actionable insights.

PROJECTS

TALA: AI-Powered Calendar Assistant (Capstone Project) – Python, Java

- Developed and tested scheduling and calendar API features for functionality, accuracy, and edge cases.
- Created test cases to verify UI consistency and backend logic reliability.

FEU Tech AI Chatbot – GPT-4, LangChain, MongoDB, Node.js, Express.js, React.js

- Designed API response validation tests to maintain chatbot accuracy after updates.
- Monitored performance metrics to detect delays and optimize backend response time.

AI Skill Assessment – Python, Node.js, MongoDB

- Built an AI-based evaluation system to assess user proficiency through interactive tests.
- Designed automated scripts to verify scoring accuracy, question randomization, and database integrity.

AI Tutor – Python, OpenAI API, React.js

- Developed a virtual tutor providing personalized learning recommendations.
- Performed QA validation on lesson flow, content accuracy, and adaptive difficulty levels.

EDUCATION

Bachelor of Science in Computer Science

FEU Institute of Technology

- Relevant Coursework: Software Quality Assurance, Software Engineering, Database Management, Artificial Intelligence, Networking Fundamentals

ADDITIONAL INFORMATION

• Certifications:

Cisco DevNet Associate – **Cisco** (Dec 2023)

CCNA: Introduction to Networks – **Cisco** (Jul 2023)

IT Specialist – Python – **Certiport/Pearson** VUE (Nov 2022)

IT Specialist – Java – **Certiport/Pearson** VUE (Nov 2022)

Accelerate Your Job Search with AI
Google (2025)

Discover the Art of Prompting
Google (2025)

Google Project Management Professional Certificate (v2) - **Coursera** (2025)

Introduction to AI
Google (2025)

• Activities & Leadership:

Organizer – CS Expo 2024, FEU Institute of Technology (Nov 2024)

Organizer – The Grand Cyber League, FIT iTamaraws Esports Club (Oct 2023)

Participant – Multiple tech events including StartUp Spark, ACMX, FOSS4ML, Design Thinking Summit, Agile Seminar