Gabriel Moreira Parrini

PROFESSIONAL SUMARY

I am an Information Systems student at Fluminense Federal University (UFF), with hands-on experience in network research, wireless technologies, and software development. I am skilled in analyzing WIFI protocols and using Channel State Information (CSI) to optimize network performance. Passionate about technology, I am also delving into Artificial Intelligence and Cybersecurity to broaden my expertise.

EXPERIENCE

Company Query System
Developed in Laravel

- Built a web-based application using the Laravel framework to query a comprehensive database of all registered companies in Brazil.
- Implemented features to retrieve and display public legal information, including CNPJ (Brazilian company registration number), company names, and other regulatory data.
- Optimized the database queries for high performance and scalability.
- Provided a user-friendly interface for accessing detailed company information in real-time.

Scientific Initiation Scholarship
Research in WIFI, CSI (Channel State Information), and Networking

- Conducted research on wireless networks with a focus on Channel State Information (CSI) for performance optimization.
- Analyzed WIFI protocols and their applications in real-world scenarios.
- Collaborated on projects related to advanced network communication technologies.
- Prepared technical reports and assisted in the publication of research findings.

TECNOLOGIES

- Laravel
- Python
- Node.js
- MySQL

EDUCAÇÃO

Fluminense Federal University (UFF)
Bachelor of Science in Information Systems (Expected Graduation: 2027)

- Scientific Initiation Scholarship: Research in WIFI, CSI (Channel State Information), and Networking at MídiaCom Lab.

Languages

- English: B2 (Upper-Intermediate)
- Portuguese: Native

CONTACT INFORMATION

Niterói, Rio de Janeiro, Brazil | |gabrielparrini@id.uff.br | +55 21 98960-7111 | GitHub | LinkedIn