



LAVINIA MIRANDA

SYSTEMS
ANALYST AND
DEVELOPMENT

/ ABOUT ME

Brazilian, February 19th, 1998.
MSc in Computer Science with
experience working with
software development.
Hardworking, self-taught,
critical thinker and good with
group leadership. I'm looking
for a role where I can learn
from other experienced team
members and grow both in the
academic and industry
environments.

/ LANGUAGES

Portuguese (Native)
English (B2)
French (Basic)



/ CONTACT DETAILS

>> Mail to: laviniameds@icloud.com
>> Links: laviniameds.github.io
>> Mobile No: (+55) 084999488811

/ WORK EXPERIENCE

>> Software Developer Intern

DIGTI/CONSINF - IFRN | 2018 to 2019

Development of automated functional and usability tests.
Implementation, documentation and maintenance of web
system.

Used: Python/Django/Selenium/PostgreSQL

>> Software Developer Intern

NAVI/LAIS - IFRN | 2017 to 2018

Documentation of automated functional and usability tests
results. Maintenance of web system with focus on user
experience.

Used: PHP/Laravel/PostgreSQL

/ EDUCATION HISTORY

>> Federal University of Rio Grande do Norte

MSc in Computer Science | 2020-2022

> "LLVM-ACT: Profiling Based Tool for Approximate
Computing Technique Selection" - Defended on July 2022

Used: C/C++, LLVM, Python, Bash Script, VHDL.

> Teaching Assistant in the 'Computer Architecture' course

> Received the 'High Level Synthesis Tutorial' certificate by
Cadence Design Systems (DAC 2020 and DAC 2022)

>> Federal Institute of Rio Grande do Norte

B. Tech, Systems Analysis and Development | 2017-2020

> Academic honour awarded to the best student

> Attended programming marathons (ICPC, Codeforces)

> Leader of the class council and group projects

> Volunteer work in local projects to support Robotics, IoT*
and Web programming

/ SKILLS

- C/C++
- Shell script
- LLVM
- Java/C#
- Python (Django, Selenium)
- HTML/CSS
- JavaScript (ReactJS, NodeJS)
- PHP (Laravel, Wordpress)
- SQL (PostgreSQL, MySQL)
- Git (Github, Gitlab)

/ RESEARCH & OTHER INTERESTS

- > Approximate Computing
- > *Internet of Things and Edge Computing
- > Artificial Intelligence and Machine Learning
- > Robotics