

# GABRIEL SCHNEIDER

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## TECHNICAL SKILLS

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Offensive Security, Application Security, Red Teaming, Penetration Testing

C, C++, Rust, Elixir, Linux, Git

## EDUCATION

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### Bachelor of Computer Engineering

August 2019 – May 2024 (*Expected*)

Universidade Federal de Pernambuco

Recife, Brazil

- Member of the ACM-ICPC Team
- Teaching Assistant of Hardware Infrastructure

## EXPERIENCE

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### Security Engineer — Red Team

March 2023 – present

VTEX

- Conducted internal and external Pentests, worked alongside the responsible teams to help the fixes, and wrote proposals to change architectural design flaws.
- Built tools and automations to periodically scan the company's assets.
- Helped to implement a vulnerability management process.

### Security Engineer Intern — Red Team

June 2022 – March 2023

VTEX

- Conducted pentests internally and to third party organisations. Collaborated with many teams to gather information about our infrastructure and applications to fix security issues.
- Built an open source CI/CD tool integrated with Github Actions based on DevSecOps principles to detect vulnerabilities during development. The tool has been deployed internally and detected many security issues on both source code and running web applications.
- Helped mitigate Security Incidents by reproducing and validating attack vectors.

### Undergraduate Research Assistant

March 2021 – June 2022

CIn/Motorola Mobility Project.

- Developed an internal test automation tool, based on Natural Language Processing and Formal Methods techniques to increase engineers' productivity.

## PROJECTS

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### Download From Dropbox - Github Action | *Elixir*

2022

The first Github Action published on the marketplace to Download files from Dropbox.

### GDB-Funend | *Rust*

2021

Was used as replacement for a \$8,000 tool that was needed in a class and was useful to many students.

### MicroC | *Rust*

2021

A hand-crafted compiler from MicroC (a subset of C) to x86 assembly code.

## HONORS AND AWARDS

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### Pernambuco's Informatics Olympiad (Programming Modality)

2017, 2018, 2020

3rd place 2017, 2nd place 2018, and 1st place 2020.

### 1st Place - IoT Student Contest

2021

### Iron and Award of Excellence - InnovateFPGA

2022

## LANGUAGES

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Portuguese (Native), English (Fluent)