# Guilherme Lucas

# Curriculum Vitae

# Experience

### Professional

2019 – **Software Engineer**, *Microsoft*, São Paulo, Brasil.

#### Present

## 2018 – 2019 Software Engineering Intern, Microsoft, São Paulo, Brasil.

- Developed Front and Back-End code with Python, ASP.NET Core, Java Spring and Angular.
- Took care of infrastructure as code with Terraform, Docker and Kubernetes.
- Worked with the team to design and implement Distributed Cloud Applications with Azure.
- $\circ~$  Focus on the best engineering practices like CI, CD, testing, DevOps, monitoring, etc.

Skills: C#, Azure, Docker, Angular, Python, Terraform, Kubernetes, Java.

#### 2017 – 2018 Data Science Intern, CETAX, São Paulo, Brasil.

- o Development of big data applications, writing API's to obtain data and creating Machine Learning models.
- Helped the implementation of code review culture.

Skills: Python, Django, Spark and GNU/Linux Systems.

#### Academic

## 2016 - 2017 Undergraduate Research, IBM - Unicamp, Campinas, Brasil.

- Helped to deploy and maintain Minicloud, a free open-source cloud for hundreds of Unicamp students.
- Developed PowerGraph, a monitoring software for a cloud server used by hundreds of people.
- Wrote several code to automate GNU/Linux machines deploys, in Ansible and Docker.
- Wrote texts e tutorials, read by people all over the world.

Skills: C/C++, Python, Shell Script, Ansible, Docker and GNU/Linux Systems.

#### Volunteer

2017 – 2018 Member, LivreCamp - Unicamp, Campinas, Brasil.

Worked as assistant and teacher on Shell Script and GNU/Linux courses.

2016 – 2016 **Teaching Assistant**, Programa de Auxílio Discente, Campinas, Brasil.

Applied the pratical tests, corrected exercises and helped 60 students with questions for Digital Circuits Subject.

2015 – 2016 Undergraduate Representative, Institute of Computing - Unicamp, Campinas, Brasil.

Dealing with money investiment and infrastructure affairs for the whole Institue of Computing.

2014 – 2015 **Organizing Committee**, Computing Week Unicamp (SECOMP), Campinas, Brasil. Increased income by 85% and conference participants by more than 50%, reaching 280 people.

2014 - 2016 Vice President, CACo - Centro Acadêmico de Computação, Campinas, Brasil.

Vice President of the students union for both computer science and engineering courses (nearly one thousand students).

## Education

## 2014 – 2018 Computer Engineering, University of Campinas (UNICAMP), Campinas, Brasil.

- Helped to implement a software that helps students choosing their subjects, with Python and Django.
- o Won third place at Microsoft Hack the Campus Hackaton, with a chat bot that analyses university data.

## Languages

Native Portuguese

Fluent English

Basic Spanish

Basic French

## Technical Skills

Intermediate C#, IATEX, HTML, CSS, Docker, Ansible, Angular, Kubernetes, Terraform

Good Python, C/C++, Shell Script, Git, GNU/Linux Operational Systems, Lisp, Azure