Guilherme Lucas

Curriculum Vitae

Experience

Professional

2018 – Present — **Software Development Engineering Intern**, *Microsoft*, São Paulo, Brasil.
- Developed Back-End code with Python and ASP.NET Core.
- Developed Front-End code with 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.

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

2017 – 2018 — **Data Science Intern**, *CETAX*, São Paulo, Brasil.
- Development of big data and data science 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.
- Developed PowerGraph, a software to analyse energy consumption of a server used by hundreds of people.
- Developed OpenCL2CUDA, a converter from the HPC library OpenCL to CUDA.
- Wrote several code to automate GNU/Linux machines deploys, in Ansible and Docker.
- Wrote texts e tutorials, read by people all over the world.

Funded by IBM(OpenPower Foundation), Petrobras (CEPETRO) and Unicamp.
Supervisor: Rodolfo Jardim de Azevedo.

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.
Teaching assistant on Digital Circuits Subject (MC602). I applied the pratical tests, corrected exercises and helped students with questions.

2015 – 2016 — **Undergraduate Representative**, *Institute of Computing - Unicamp*, Campinas, Brasil.
Undergraduate representative on the Institute of Computing. Dealing with money investment and infrastructure affairs.

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

2014 – 2016 — **Administrative Officer**, *CACo - Centro Acadêmico de Computação*, Campinas, Brasil.
Representing the students interests as Vice President of the Student's Union.

Education

2014 – 2018 — **Computer Engineering**, *University of Campinas (UNICAMP)*, Campinas, Brasil.
Computer System emphasys - AA.

Languages

Native	**Portuguese**
Fluent	**English**
Basic	**Spanish**
Basic	**French**

Technical Skills

Intermediate	C#, LaTeX, HTML, CSS, Docker, Ansible, Angular, Kubernetes, Terraform
Good	Python, C/C++, Shell Script, Git, GNU/Linux Operational Systems, Lisp