Guilherme Lucas

Curriculum Vitae

Experience

2021 – Present **Software Engineer II, Outlook Platform**, *Microsoft*, São Paulo, Brasil.
- Designed, implemented with C# and maintained in production a event based assistant that help users schedule their meetings.
- Part of the on call rotation.

2019 – 2021 **Software Engineer, Commercial Software Engineering**, *Microsoft*, São Paulo, Brasil.
- Contributed to aks-engine, a open source Go project that Azure uses to deploy its managed kubernetes service.
- Develop the TypeScript library that supports a linter, cli and github actions. Linter became part of the guideline for the whole organization.
- Designed and implemented a notification system in Go for one of the biggest e-commerces in LATAM.
- Mentored five Cloud Solution Architects on infrastructure subjects.
- Created Powershell and Shell scripts to automate security rules for a covid-19 health bot deployed globally.
- Led the deployment process of a covid-19 Data API for one of the biggest health organizations in the world.

2018 – 2019 **Software Engineering Intern**, *Microsoft*, São Paulo, Brasil.
- Created web client code with TypeScript for a Machine Learning Platform used by more than 300 data scientists.
- Developed Back-End code with Python, ASP.NET Core and Java Spring.
- Design and implement Distributed Cloud Applications with Azure, Terraform, Docker and Kubernetes.

2017 – 2018 **Data Science Intern**, *CETAX*, São Paulo, Brasil.
- Development of big data applications, writing API's in Python (Django) to obtain data and creating Machine Learning models, on Spark.
- Helped the implementation of code review culture.

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 Python monitoring software for a cloud server used by hundreds of people.
- Wrote several code to automate GNU/Linux machines deploys, in Ansible and Docker.
- Interviewed and mentored three new students at the project.

Volunteer

2017 – 2018 **Member**, *LivreCamp - Unicamp*, Campinas, Brasil.
Worked as assistant and teacher on Shell Script and GNU/Linux courses.

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.
- Won third place at Microsoft Hack the Campus Hackaton, with a chat bot that analyses university data.
- Volunteer Teaching Assistantant for Digital Circuits Subject.

Languages

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

Technical Skills

Intermediate C/C++, Java, TypeScript, HTML, CSS, Docker, Ansible, Lisp
Good Python, C#, Go, Shell Script, Git, GNU/Linux Operational Systems, Azure, Kubernetes, Terraform