Quan Zhou

S o f t w a r e   E n g i n e e r

I am a software developer engineer at <u>Bitergia</u> who loves to automate boring and time-consuming tasks. I am proficient in Python, MySQL, and ElasticSearch technologies.

Contact

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Education

2018
MSc in Telecommunication Engineering
Rey Juan Carlos University

2015
BSc in Telecommunication Engineering
Rey Juan Carlos University

Expertise

- Python
- MariaDB, MySQL, ElasticSearch/OpenSearch
- Docker
- Ansible, Terraform
- GitHub, GitLab
- Kanban method

Languages

Spanish (Native)

English (Professional)

Interests

Paddle, Video games, Movies, Gastronomy, Guitar

Experience

Sep 2015 - Now
Bitergia

Software Engineer

Bitergia provides a platform to collect and visualize software development analytics, obtained from tools and platforms commonly used in software development, such as GitHub or StackOverflow.

My responsibilities are to develop, deploy, and provide support for Bitergia's main platform: the <u>GrimoireLab</u> toolkit. In terms of development and support, these tasks comprehend the whole chain, from collecting the information to generating the metrics and producing visualizations in interactive dashboards; taking into account the maintenance during all the steps. Also, I'm focused on creating the infrastructure and scalability, by provisioning instances for customers.

From Jul 2020 to now, I have also been in charge of automating GrimoireLab's deployment using Ansible and Terraform in the Google Cloud Platform.

From Oct 2018 to Jul 2020, I was in charge of the platform, from manual deployment to maintenance: bug fixing, migrations, and support requests.

From Jan 2016 to Oct 2018, I joined the Development team where I gained knowledge of how each element of the product works, and also how to fix bugs and create new features. During this time, I learned best practices for unit testing and using Git.

From Sep 2015 to Jan 2016, I was part of the Operations team. This period was my entry point to the platform, learning how it works internally and about its deployment.

Mar 2015 - Sep 2015
Rey Juan Carlos University

Research assistant

As part of LibreSoft research group, I focused on data visualization tools to create an application to plot data using different open-source libraries. These visualizations representing metrics are a key part of the research work, used by people in academia and industry practitioners to better understand an open-source project.

Mentoring

2022 - Mining Software Repository (<u>MSR</u>)
<u>Hackathon Support Co-Chair in Organizing Committee</u>.

2019 - Google Summer of Code
Mentor, part of the committee to review and select applicants.