



# Germán Faller

## Curriculum Vitae

### Personal Information

Date of birth 19th February 1993  
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### Research Activity

Title *Determinación óptima de cantidad y localización de zonas de carga/descarga en la vía pública*  
Tutors Pedro Piñeyro & Antonio Mauttone  
Description This research seeks to develop and validate a software solution based on modelling and optimization techniques to determinate the optimal quantity and position for loading / unloading bays on public roads for a specific area of Montevideo city.  
Technologies GLPK, Octave, Rust, SpringBoot, Vaadin, GeoKettle, Q-GIS, LeafletJs, GeoTools, Google Maps APIs.

Title *Diseño Optimizado de un Backbone Metropolitano para Montevideo*  
Tutor Claudio Risso  
Description This work explores the optimized design of a three-level segmented metropolitan transport network, integrating lightweight trains like a way to transfer users massively between remote points and reallocating buses to the network access function.  
Technologies GLPK, Octave, Java, Swing, GeoKettle.

### Academic Qualifications

2011–2021 **Computer Engineering**, *Universidad de la República*, Montevideo.  
2011–2019 **Computer Bachelor Degree**, *Universidad de la República*, Montevideo.  
2011–2018 **Computer Analyst Degree**, *Universidad de la República*, Montevideo.  
2008–2010 **Computer Science Baccalaureate**, *Universidad del Trabajo del Uruguay*, Soriano.

## Work Experience

- 03/2022 **Backend Developer Designer**, PERFICIENT, Montevideo, Specialist.  
Today *Application Design, Research & Development.*  
Clients: XPO Logistics, PAX8  
Technologies: GIT, JAVAEE, Liberty, Jira, Scrum, VUE3, MicroFrontend, Tailwind.
- 11/2019 **Software Developer Specialist**, BASF SERVICES AMERICAS, Montevideo,  
02/2022 Specialist.  
*Application Design, Research & Development. Tech Leader. Interim Architect.*  
Technologies:  
Vue, Vuex, Nuxt, ReactJS, React Native, Redux, Express, Sequelize, NodeJS, Vaadin, Spring-Boot, Docker, Kubernetes, Cloud Foundry, Watson, SAP CAI, Intrexx, OutSystems, Genexus, Gitlab CI/CD, Jira, Scrum.
- 03/2019 **SUR**, ANTEL, Montevideo, Senior.  
10/2019 *Developing help desk and support application.*  
Technologies:  
Postgres, WildFly 10, JAVAEE, Camunda, Infinispan, Kubernetes, Spring-Boot, Vaadin 14, GIT, Scrumban.
- 04/2018 **Senior Developer**, URUDATA, Montevideo, Senior.  
10/2018 *Maintaining 3rd party applications.*  
Technologies:  
JBPM kie-Server, NodeJS, Bower, Grunt, Angular, ReactJS, Spring-Boot, SQLServer, SVN, GIT, Scrum.
- 08/2017 **SUR**, ANTEL, Montevideo, Middle.  
04/2018 *Developing help desk and support application.*  
Technologies:  
Docker, Docker-compose, Postgres, WildFly 10, JAVAEE, Vaadin 7, Camunda, Infinispan, Mercurial, Scrum.
- 03/2017 **order-manager**, ANTEL, Montevideo, Middle.  
08/2017 *Integrating applications via web services.*  
Technologies:  
OSGI, Docker, MongoDB, Scala, Karaf, WS-RESTful, WS-SOAP, Swagger, Git, Scrum.
- 10/2014 **payment gateway**, ANTEL, Montevideo, Junior-Middle.  
03/2017 *Developing Backoffice web, Proxy web, B2B and W2W integrations.*  
Technologies:  
JAVAEE; Camel, SwitchYard, Fuse services works, EJB, JMS, WS-SOAP, WS-Security, WS-Addressing, jBoss, JSF, Primefaces, Web sockets, JPA, Postgres, Solr, Vagrant, Git, Scrum.
- 04/2014 **e-Commerce**, ANTEL, Montevideo, Trainee.  
10/2014 *Developing java libraries, utilities and a management web.*  
Technologies:  
JAVAEE; jBoss, WS-RESTful, JSF, Richfaces, Primefaces, EJB, JPA, Hibernate, MySQL, Postgres, Mercurial, Kanban.

## Other Experience

- 08/2022 **Auxiliary Teacher**, FING - UDELAR, Montevideo, subject: Operating systems.  
Today *Developing tools to analyze data, execute procedures, gather results, display them in a MapTool.*  
Technologies: Vue, LeafletJS, Python, NetworkX, GeoPandas.