Matías Meneses

Email : matias.imc@gmail.com

Phone : +1 650 880 5438

EDUCATION

Universidad de Chile — Santiago, Chile
Computer Science Engineering — *Mar 2012 – Aug 2018*

EXPERIENCE

Google — Mountain View, CA - Remote (CL)
Software Engineer — *Sep 2018 - now*

→ **Modern Creators & Formats, Google Search**: Tech-lead for modern Google Search features tailored for content creators, like YouTube Shorts and stories distribution and creation prompts for web and native. Also applied NLP techniques for fluent prompt generation.

→ **People Search and Creator Channel, Google Search**: Designed and developed features for People Search cards and Creator Channel for Google Search, in which users can make their contact information and social profiles visible across Google Search and Discover; also built Golang metrics pipeline for internal analytics and user engagement.

→ **Knowledge Panel Verification, Google Search**: Designed and developed features for knowledge panel (KP) verification (a.k.a. Claiming) in the world's most popular search engine, using cutting-edge web technologies. Also, developed a fully automated integration testing solution for KP Claiming, using Java and WebDriver. Finally, built a data analytics dashboard for KP Claiming metrics, using Google Cloud Platform tools like Looker Studio, Google Analytics, BigQuery and SQL.

Calce 3D — Santiago, Chile
Software Developer — *Nov 2017 - Aug 2018*

→ **Desktop application**: Developed a Windows application for 3D scanning and integration with online healthcare services using Electron, React.js, Bootstrap, C#.

Telefónica Investigación y Desarrollo — Santiago, Chile
Software Developer — *Mar 2017 - Jun 2017*

→ **Infrastructure as Code**: Development of software for creating Hadoop environments oriented to Big Data using Ansible, OpenStack, Ambari.

Center for Climate and Resilience Research (CR)2 — Santiago, Chile
Data engineer — *Sep 2016 - Jan 2017*

→ **Regional Climate Simulations**: Data management of NetCDF climate simulations, using Bash, Python, Linux.

Universidad de Chile — Santiago, Chile
Assistant Professor, Computer Graphics, Visualization and Modeling for engineers — *Mar 2016 - Jul 2016*

Universidad de Chile — Santiago, Chile
Course Assistant, Software Engineering I — *Mar 2016 - Jul 2016*

→ **Github tool**: Development of visualization tool for GitHub project metrics, using Python, HTML, Javascript, Bootstrap.

Penta Analytics S.A. — Santiago, Chile
Software Developer — *Sep 2015 - Dec 2015*

→ **Database Maintenance**: Development of web interface for update and validate database tables, using Python, Django, Javascript, Bootstrap, SQL.

Universidad de Chile — Santiago, Chile
Assistant Professor, Computer Graphics, Visualization and Modeling for engineers — *Mar 2015 - Jul 2015*

PROJECTS AND COURSEWORK

Engineering Thesis: Developed a type-based declassification inference system for Dart as my engineering degree thesis. https://github.com/matiasimc/TRNIdart.

Scala course project: Development of web application with actor system using Scala, Play, Akka.

Distributed Systems project: Development of distributed Zatacka game using Java RMI.

Languages

English: Advanced

Spanish: Native

Programming Skills

Languages: Java, Python, Scala, Dart, JavaScript, TypeScript, SQL

Technologies: React, Django, Git, Linux, OAuth