Nicolás Pérez Mundaca

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Languages: Bash, Python, JavaScript, HTML, PHP, CSS, Sass, Node.js
Technologies: Linux, GitHub, React, MySQL, PostgreSQL, ClickHouse, Ansible, Packer, Docker, Nginx, GCP

Professional Experience

- **Datawheel**   **Cambridge, MA**
  Fullstack Developer (Remote)   *Dec. 2019 – Today*

  – Built a Ruby library (`radic`) and CLI (`radish`) for interacting with Apple's bug management system (aka Radar)

- **Center of Innovation Systems Studies (CIS2)**   **Concepción, Chile**
  Fullstack Developer   *Jul. 2019 – Dic. 2019*

  – Built a Ruby library (`radic`) and CLI (`radish`) for interacting with Apple's bug management system (aka Radar)

Projects

- **CIREN Institutional Observatory**
  Datawheel   *https://observatorio.ciren.cl/*

  – The CIREN Institutional Observatory is a platform with more than 25 years of agricultural, soil and climate information on Chile. This information is linked to the policies of the Chilean Ministry of Agriculture through the timely delivery of data to contribute to planning and decision-making in the public and private sectors.

- **Observatory of Economic Complexity (OEC)**
  Datawheel   *https://oec.world/*

  – The OEC is an online data visualization and distribution platform focused on the geography and dynamics of economic activities. The OEC integrates and distributes data from a variety of sources to empower analysts in the private sector, public sector, and academia.

- **DataMéxico**
  Datawheel   *https://datamexico.org/*

  – DataMéxico is a platform that allows the integration, visualization and analysis of data to improve decision-making in public policies focused on promoting innovation, inclusion and diversification of the Mexican economy.

- **Chilecracia**   *https://chilecracia.org/*

  – Chilecracia was an experimental platform for digital participation that helps to generate information about the demands and proposals of citizens through their vote.

- **Adalytics**
  CIS2   *https://adalytics.cl/*

  – Platform that provides analyzed information ready for decision-making in entrepreneurship, developing visualizable indices and analyzes regarding the economic performance of markets and companies in the different regions and economic sectors of Chile.

Education

- **Universidad de Concepción**   **Concepción, Chile**
  Industrial Engineering   *Mar 2014 – Ago 2019*
  Bachelor of Engineering   *Mar 2014 – Nov 2017*
  Engineering School

  – **Relevant Courses**: Programming Languages, Statistics and Inference, Systems Modeling, Optimization, Simulation, Technologies of the Information, Machine Learning, Programming for Engineering, Understanding Consumer Behavior through Discrete Choice Models, Innovation, Innovation Systems, Logistics.
  – **Undergraduate Thesis**: Identification of the effect of scientific, technological and productive capabilities in the generation and development of new products.
  – **Extracurricular Activities**: Vicepresident of the Students of Industrial Engineering Union, 2017-2018.