

Lucas de la Cruz

Santiago, Chile

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Education

Pontificia Universidad Católica de Chile

Master of Science in Geographic Information Systems

Mar 2018 – Dec 2020 | Santiago, Chile

GPA: 6.7/7.0

Activities: GIS Lab Assistant, OpenStreetMap Contributor, Hackathon Judge

Relevant Coursework: Spatial Analysis, Remote Sensing, GIS Programming, Cartography, Web GIS

Summer School: University of California, Santa Barbara 2019 (GPA: 3.8/4.0)

Work Experience

GIS Data Analyst | Cepal | Jan 2021 - Present | Santiago, Chile

- Processed satellite data using Python and GDAL for environmental modeling.
- Developed interactive web maps with Mapbox GL JS.
- Automated geoprocessing workflows, reducing manual effort by 50%.

Skills

Tools: ArcGIS, QGIS, GDAL, Mapbox

Languages: Python, JavaScript

Other Skills: Spatial Modeling, Web GIS, Data Visualization, Remote Sensing

Certificates

Esri ArcGIS Professional Certification

Coursera: GIS Specialization

Udemy: Python for GIS

Awards

UN ECLAC Innovation Award 2021

PUC Scholarship for Excellence

First Place – Chile GIS Hackathon