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Geospatial Applications Web Developer
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EDUCATION

- 2010 Bachelor's degree, Cadastral engineering and Geodesy, Bogota District University, Colombia
- 2013 Spatial analysis to biodiversity conservation and tropical landscapes management, Nacional University, Colombia

PROFESSIONAL EXPERIENCE

- 2017-Present Web Development Consultant, Earth Innovation Institute, San Francisco, CA
- 2014-2017 Analyst and developer of geospatial information technologies, United Nations Office on Drugs and Crime (UNODC), Bogota - Colombia
- 2012-2014 Geographic Information Systems Analyst, United Nations Office on Drugs and Crime (UNODC), Bogota - Colombia
- 2011-2012 Digital Image Processing engineer, United Nations Office on Drugs and Crime (UNODC), Bogota - Colombia
- 2009-2011 Engineering Assistant, United Nations Office on Drugs and Crime (UNODC), Bogota-Colombia

PUBLICATIONS

- 2017 Vargas, Rafael. 2017. Análisis del cultivo de coca como motor de deforestación en el contexto del Desarrollo Alternativo y REDD+, en las regiones Amazonía y Catatumbo (2005-2014). United Nations Office on Drugs and Crime.
<https://www.gdpd.org/es/noticias/meldungen/Nuevo-estudio-El-cultivo-de-coca-como-motor-de-deforestaci-n-en-Colombia.php>
- 2017 Vargas, Rafael. 2017. Coca y Deforestación: Mensajes de acción para la planeación del desarrollo (Policy brief). United Nations Office on Drugs and Crime.
<http://documentacion.ideam.gov.co/openbiblio/bvirtual/023700/023700.html>
- 2016 Vargas, Rafael. 201. Leveraging technology to streamline the collection and visualization of agricultural and socio-economic data of vulnerable communities. United Nations Office on Drugs and Crime. <https://www.istat.it/storage/icas2016/f39-ardila.pdf>
- 2011 Vargas, Rafael. 2011. Indicadores para el seguimiento de la consolidación de zonas libres de cultivos ilícitos. United Nations Office on Drugs and Crime.

LANGUAGES

- Spanish Native
- English Intermediate
- Portuguese Basic