

name	university	graduation_date
daniel Rodriguez Vergara	Boston	Oct 2019
Jose	Wichita	Oct 2018
Simon	Texas	Oct 2017
Rogelio	Miami	Oct 2010
daniel Rodriguez Vergara	Houston	Oct 2015

name:daniel Rodriguez Vergara

university:Boston

graduation\_date:Oct 2019

name:Jose

university:Wichita

graduation\_date:Oct 2018

name:Simon

university:Texas

graduation\_date:Oct 2017

name:Rogelio

university:Miami

graduation\_date:Oct 2010

name:daniel Rodriguez Vergara

university:Houston

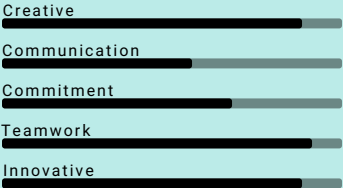
graduation\_date:Oct 2015

# PROFILE

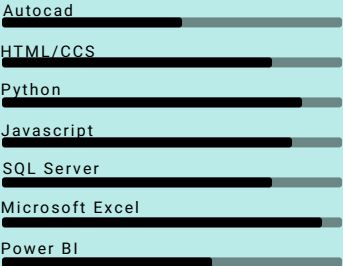
One of the things that drives me every day is the sensation of gaining new knowledge and being capable of generating positive impacts on people. All of my interests and focuses are aimed at delivering my best problem solving abilities while basing my decision making skills on a deep understanding of logical interconnections. Moreover, I'm self-passionate for making things happen and provide efficient results. I will commit entirely to solve the problems and to deliver the best work quality, regardless of the tools I have. I'm self-taught and I really enjoy adding up more tools to my skillset, because I believe new approaches may carry out to more valuable and cutting-edge solutions..

## SKILLS

### PERSONAL SKILLS



### PROFESSIONAL SKILLS



## REFERENCE

- JORGE ORDOSGOITIA**  
MINING SUPERINTENDENT AT  
CERRO MATOSO  
☎ 315-466-2910
- JENNY TRESPALACIOS**  
PIT DESIGNER AT  
CERRO MATOSO  
☎ 318-355-8644

## GROUPS

### YOUNG MINING PROFESSIONAL(YMD) MEMBER

Young Mining Professionals (YMP) is a growing international association based in major mining centers across the world that pushes forward the goal of advancing the global profile and leadership of the mining and exploration industry.

## AWARDS

- COMMITMENT TO THE HAITI PROJECT**  
MONTELIBANO, 2010
- FIRST POSITION (ASTRONOMY)**  
REGIONAL OLYMPICS  
MONTERIA, 2011
- THIRD POSITION MATHEMATICS**  
REGIONAL OLYMPICS  
MONTERIA, 2012

# DANIEL RODRIGUEZ

MINING ENGINEER & WEB DEVELOPER & DATA SCIENTIST

- 📍 CARRERA 74 #52-55 APTO 2107/ MEDELLIN/ COLOMBIA
- ✉ drodrigo678@gmail.com/drrodriguez@unal.edu.co
- ☎ 301-354-8101/+034-5836611

## EXPERIENCE

- MINING ENGINEER INTERN / CERRO MATOSO S.A/MONTELIBANO, COL**  
*JANUARY-2018/JULY-2018/6 MONTHS*  
Oversee and report operational variables KPI(production, productivity, utilization, availability).Operation support of daily activities related to data integrity and the reconciliation of the raw materials movements in the mine. I also worked with maintenance staff in Root Cause Analysis over the mine drill rigs. I was tasked with business assessment of mining cases such as the identification of potential productivity gains from drilling operations or the viability comparison of new equipment purchase against fleet's maintenance improvement. I also had to handle Modular Dispatch principles to determine the way it can eventually be enhance through better decision algorithms in its codes. Moreover, I worked with Control Grade operations, mainly on drilling, spare assistance and planning samples collection.
- RODRIMOTOS'S OWNER /RODRIMOTOS/MONTELIBANO, COL**  
*APRIL-2015/APRIL-2019/4 YEARS*  
Personal initiative in which I acted as director of sales and products, manager of 6 collaborators and customers assistant .The shop offered rapair services and motorcycles spare sales.I managed the accounting, the quantities analysis, decision maning and the leadership. We were committed at delivering good results and in a timely manner according to services and product costs. I used this opportunity fo holding the business to have impact on collaborators and employee's life.

## EDUCATION

- MINING AND METALLURGY ENGINEERING / U.NACIONAL DE COLOMBIA/ MEDELLIN, COL**  
*JANUARY-2013/APRIL-2019/6 YEARS*  
A comprehensive syllabus which enables to consolidation of a problem solving mindset and strong numerical base. The subjects that interested me the most have been Linear algebra, mining environments and fluid mechanics.
- WEB DEVELOPMENT / CODECADEMY.COM/ONLINE(JAVASCRIPT/HTML/CCS)**  
*OCTOBER-2018/JULY-2019/8 MONTHS*  
Intensive online career which I'm actually enrolled in and addresses the following courses:  
Introduction to HTML/ Styling website with CSS/ Introduction to Javascript/ advanced CSS/ Intermediate Javascript/ Introduction to Jquery/ Introduction to commnad line/introduction to git versioning/ Front-End development with React/ Back-End development with Node and Express/SQL and databases/fundamental of testing.  
Others: Jquery, React, Babel,npm,Ionic, Electron,flutter, Handlerbars.
- DATA SCIENTIST / DATACAMP.COM/ONLINE(PYTHON/R)**  
*AUGUST-2018/JULY-2019/11 MONTHS*  
Intensive online training wherein I gained hands-on advanced programming with R and Python, data visualization, data cleaning, statistical fundamentals for data analysis as well machine learning and fundamental SQL. Some courses:  
Introduction to data/programming with R/importing data/ data cleaning fundamentals/data visualization with ggplot2/ inference in numerical and categorical data/ Regression and correlation analysis/Unsupervised learning/ supervised learning classification/ supervised learning regresion/ reporting markdown and shiny/Machine Learning with Tree-Based Models in R .

- COMPUTER SCIENCE WITH PYTHON / CODECADEMY.COM/ONLINE**  
*OCTOBER-2018/AUGUST-2019/10 MONTHS*  
Computer Science training path with python served as flexible and accessible method for learning CS fundamentals.I went over Introducion to programming, development skills, flow, data and iterations as well as python object and OOP. Moreover, I learned and hands-on Data Structures, Recursion and sorting algorithms.I'm also familiar with Django and flask for back-End development. Libraries: SQLAlchemy, Pymongo,Scikit-learn, Tensorflow, pandas, matplotlib, numpy.

## ADDITIONAL ACTIVITIES

- ♥ **BLOG PERSONAL " VIVES UNA VEZ**  
A Blog mixing personal reflexions and statistics concepts aimed at spreading awareness about the inequalities and unfairness experienced by people in vulnerable especially in the process of making their dreams true.
- ♥ **CHARITY FUNDRAISING- BUENAVISTA**  
Along with a group of women named "emprendedoras Buenavisteras and other strategic actors, we are currently developing a project that aims at bringing development and wellness to the village of Buenavista that currently faces dire needs in terms of education and nutrition. The lack of investment along with a high rate of corruption do not let them overcome difficulties. Keeping in mind the Sustainable Development Goals, I intent to put my network-ing skills and willingness to create change at work in order to establish a sponsorship and educational program.

## LANGUAGES

ENGLISH: B2 SPANISH: NATIVE FRENCH: A2



UNIVERSIDAD NACIONAL DE COLOMBIA

SEDE MEDELLÍN  
DIVISIÓN DE REGISTRO Y MATRÍCULA

LA JEFE DE LA DIVISIÓN DE REGISTRO Y MATRÍCULA

CERTIFICA QUE:

DANIEL RODRIGO RODRIGUEZ VERGARA, quien se identifica con Cédula No. 1063297295, cursó y aprobó los 180 créditos exigidos en el Programa Curricular INGENIERÍA DE MINAS Y METALURGIA. El (La) estudiante tiene pendiente la ceremonia de grado.

Se expide este certificado a solicitud del interesado(a) en la ciudad de Medellín, a los ocho (08) días del mes de mayo del año dos mil diecinueve (2019).

MARIA ZULY ZULUAICA LONDOÑO  
Jefe de la División de Registro y Matricula  
Sede Medellín

Carrera 65 No. 59A-110, Autopista Norte Bloque 21 Oficina 101  
Teléfono: (57-4) 430 96 66 - Fax: (57-4) 430 95 37 Conmutador: (57-4) 430 90 00 Ext. 496 66  
Correo electrónico: [secregis\\_med@unal.edu.co](mailto:secregis_med@unal.edu.co)  
Medellín, Colombia, Sur América

Nota: Un crédito es la unidad que mide el tiempo que el estudiante requiere para cumplir a cabalidad los objetivos de formación de cada asignatura.  
Artículo 6 del Acuerdo 033 de 2007 del CSU.





#96,111

CERTIFICATE NUMBER

# STATEMENT OF ACCOMPLISHMENT

HAS BEEN AWARDED TO

**Daniel Rodrigo Rodriguez Vergara**

FOR SUCCESSFULLY COMPLETING

**Data Scientist with R Track**



**DataCamp**

**codecademy** / PRO  
INTENSIVE



Codecademy Recognizes

**Daniel Rodrigo Rodriguez Vergara**

for successful completion of

**Build Websites from Scratch**

a 10-week curriculum of web development fundamentals using HTML, CSS, JavaScript, and Github

issued on

**March 13, 2019**



# Course Completion Confirmation

AUGUST 2019

*This confirms*

**DANIEL RODRIGO RODRIGUEZ VERGARA**

---

*successfully completed*

**M001: MongoDB Basics**

*a course of study offered by MongoDB, Inc.*

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A handwritten signature in black ink, appearing to read "Shannon Bradshaw", positioned above a horizontal line.

**Shannon Bradshaw**

VP, Education  
MongoDB, Inc.

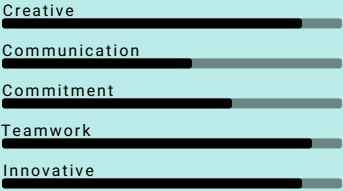


## PERFIL

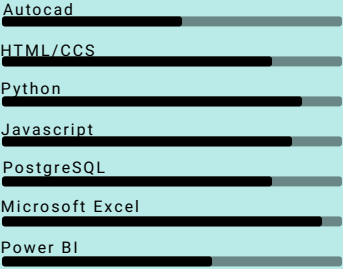
Una de las cosas que me motiva todos los días es la sensación de aprender nuevos conocimientos y además de eso, ser capaz de generar positivo Impactos en las personas. Todos mis intereses y los enfoques están dirigidos a entregar mis mejores habilidades para resolver problemas basando mi toma de decisiones en un comprensión profunda sobre conexiones lógicas de las cosas y también descubrir qué factores tendrán un impacto el resultado.Del mismo modo, soy un apasionado por hacer que las cosas sucedan, y yo lucharé por alcanzarlo,resolviendo los problemas que habían sido encargado y entregando la mejor calidad de trabajo en cada parte del producto independientemente de las herramientas que tenía.También soy autodidacta y realmente disfrutando de agregar más herramientas para mi conjunto de habilidades, porque, al final del día, nuevos enfoques pueden llevar a entrega más valiosay soluciones de vanguardia.

## HABILIDADES

### HABILIDADES PERSONALES



### HABILIDADES PROFESIONALES



## REFERENCIAS

**JORGE ORDOSGOITIA**  
MINING SUPERINTENDENT AT  
CERRO MATOSO  
☎315-466-2910

**JENNY TRESPALACIOS**  
PIT DESIGNER AT  
CERRO MATOSO  
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## PREMIOS

**PREMIO AL COMPRIMISO CON EL PROYECTO ESCUELITA PARA HAITI MONTELIBANO,2010**

**PRIMER PUESTO OLIMPIADAS DEPARTAMENTALES DE ASTRONOMIA MONTERIA,2011**

**TERCERPPUESTO OLIMPIADAS MATEMATICAS UNISINU MONTERIA,2012**

# DANIEL RODRIGUEZ

INGENIERO DE MINAS-DESARROLLADOR WEB & ANALISTA DATOS

📍 CARRERA 74 #52-55 APTO 2107/ MEDELLIN/ COLOMBIA  
✉ drodrigo678@gmail.com/drrodriguez@unal.edu.co  
☎ 301-354-8101/+034-5836611

## EXPERIENCIA

**PRACTICANTE DE INGENIERIA / CERRO MATOSO S.A/MONTELIBANO, COL**  
*ENERO-2018/JULIO-2018/6 MESES*

Supervisar e informar las variables operativas KPI (producción,productividad, utilización, disponibilidad). Apoyo a la operación en actividades diarias relacionadas con la integridad de los datos y la reconciliación de movimientos de materiales en la mina. También trabajé junto con mantenimiento personal en análisis de causa raíz sobre los equipos de perforación minera. Igualmente, evaluar casos de negocios en los que la mina y las operaciones de perforación puede ganar y liberar más productividad; La propuesta de viabilidad de compra de nuevos equipos o mejores propuestas de mantenimiento sobre la flota actual.Principios de envío y cómo en el futuro mejorarlo a través de mejores algoritmos de decisión en sus códigos. Además trabajé con los proyectos de Control de Ley, principalmente en perforación, asistencia de con repuestos y planificación colección de muestras.

**PROPIETARIO ALMACEN DE REPARACION /RODRIMOTOS/MONTELIBANO, COL**  
*APRIL-2015/APRIL-2019/4 YEARS*

Proyecto personal que realicé como director de ventas, guiando tareas, productos, clientes, colaboradores, etc. Se trataba de una tienda cuyos objetivos fueron la venta de repuestos para motocicletas y servicio de reparación. Hice mi mejor esfuerzo en contabilidad, cualidades analíticas, toma de decisiones habilidades blandas y liderazgo para mantener el negocio y la estabilidad de los Colaboradores.Y siempre estuvo el compromiso de entregar buenos resultados y tareas de manera oportuna de acuerdo con los servicios y los costos del producto..

## EDUCACION

**INGENIERIA DE MINAS Y METALURGIA/ U.NACIONAL DE COLOMBIA/ MEDELLIN, COL**

*ENERO-2013/ABRIL-2019/6 YEARS*

Un programa de estudios integral que permitio consolidar un capacidad de resolución de problemas con fuerte base numérica. Las areas en las que tengo en la mayoría de los casos son/fueron álgebra lineal, ambientes mineros y mecánica de fluidos

**DESARROLLADOR WEB / CODECADEMY.COM/ONLINE**

*OCTUBRE-2018/JULIO-2019/8 MESES*

Carrera intensiva en línea en la que estoy inscrito y aborda los siguientes cursos:

Introduccion a HTML/ maquetacion con CSS/ Introduccion a Javascript/ CSS avanzado/Javascript intermedio/ Introduccion a JQuery/ Introduccion a elinea de comandos/Introduccion a control de versiones con GIT/ Front-End con React/ Back-End con Node and Express/SQL y databases/fundamentos de testing/ python computer science.

**ANALISTA DE DATOS / DATACAMP.COM/ONLINE**

*AGOSTO-2018/JULIO-2019/11 MESES*

Carrera en línea intensiva en la que he tenido prácticas avanzadas programación con R, visualización de datos, limpieza de datos, estadística fundamentos para el análisis de datos, así como aprendizaje automático y SQL fundamental. Algunos cursos;

Introduction to data/programming with R/importing data/ data cleaning fundamentals/data visualization with ggplot2/ inference in numerical and categorical data/ Regression and correlation analysis/Unsupervised learning/ supervised learning classification/ supervised learning regresion/ reporting markdown and shiny.

## ACTIVIDADES ADICIONALES



**BLOG PERSONAL VIVES UNA VEZ**

Un blog dirigido a sensibilizar a las personas sobre las desigualdades e injusticias.las personas en condiciones vulnerables tienen que pasar por hacer sus sueños realidad.



**MIEMBRO DE YOUNG MINING PROFESSIONAL (YMD)**

Young Mining Professionals (YMP) es una asociación internacional en crecimiento de profesionales de la minería ubicados en los principales centros mineros de todo el mundo,que comparten el objetivo de avanzar en el perfil global y el liderazgo de la industria minera y de exploración.



**PROYECTO SOCIALES EN BUENAVISTA**

Proyecto pan x pan, Emprendedoras Buenavisteras" y Generación de fuego son 3proyectos en el que he puesto mis conexiones y mi voluntad para traer desarrollo y bienestar a la localidad de Buenavista. Falta de educación, inversión junto con la corrupción no les permite superar las dificultades. Nuestro trabajo es luchar contra la marea y juntarse para seguir los Objetivos de Desarrollo Sostenible

## IDIOMAS

ENPANOL: NA

INGLES: C1

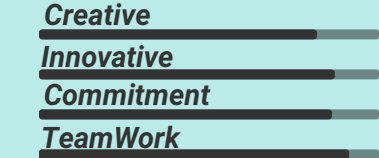
FRANCES: A2

# PROFILE

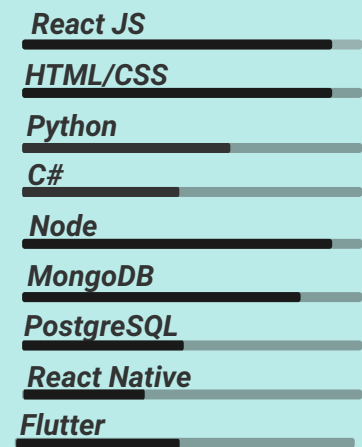
One of the things that drives me every day is the sensation of gaining new knowledge and being capable of generating positive impacts on people. All of my interests and focuses are aimed at delivering my best problem solving abilities while basing my decision making skills on a deep understanding of logical interconnections. Moreover, I'm self-passionate for making things happen and provide efficient results. I will commit entirely to solve the problems and to deliver the best work quality, regardless of the tools I have. I'm self-taught and I really enjoy adding up more tools to my skillset, because I believe new approaches may carry out to more valuable and cutting-edge solutions..

# SKILLS

## PERSONAL SKILLS



## PROFESSIONAL SKILLS



# INVOLVEMENTS

## YOUNG MINING PROFESSIONAL(YMD) MEMBER

Young Mining Professionals (YMP) is a growing international association based in major mining centers across the world that pushes forward the goal of advancing the global profile and leadership of the mining and exploration industry.

# AWARDS

## AWARD FOR HAITI SCHOOL PROJECT MONTELIBANO,2010




## ASTRONOMY FIRST POSITION U.ANTONIO NARINO-REGIONAL STAGE MONTERIA,2011

## SECOND POSITION (PHYSICS) UNIVERSIDAD DEL SINU MONTERIA,2011

## THIRD POSITION MATHEMATICS UNIVERSIDAD PONTIFICIA BOLIVARIANA MONTERIA,2012

# DANIEL RODRIGUEZ

MINING ENGINEER & WEB DEVELOPER & DATA SCIENTIST

 CARRERA 74 #52-55 APTO 2107/ MEDELLIN/ COLOMBIA  
 drodrigo678@gmail.com/drrodriguezv@unal.edu.co  
 301-354-8101/+034-5836611(Prefiblemente contactar por correo)

# EXPERIENCE

## WEB DEVELOPER /TECHTRANSIT/MEDELLIN, COL

NOVEMBER-2019/DECEMBER-2019/1 MONTH

As a Fronted developer at TechTransi, I have the following responsibilities:  
-Design apps architecture on client-side.  
-Develop fluent and stable products accorging to design requirements.  
-Functional testing on all app features on client-side, ensuring stable performance and realiable flows.  
-Provide solution and strategies to turn business requirement into technical actions  
-Design apps User Interfaces and provide realiable performance.  
-Documenting app usage, development and testing.  
-Provide tools and orientation to juniors developers on tasks. Ensure and nice exp

## MINING ENGINEER INTERN / CERRO MATOSO S.A/MONTELIBANO, COL

JANUARY-2018/JULY-2018/6 MONTHS

Oversee and report operational variables KPI(production, productivity, utilization, availability).Operation support of daily activities related to data integrity and the reconciliation of the raw materials movements in the mine. I also worked with maintenance staff in Root Cause Analysis over the mine drill rigs. I was tasked with business assessment of mining cases such as the identification of potential productivity gains from drilling operations or the viability comparison of new equipment purchase against fleet's maintenance improvement. I also had to handle Modular Dispatch principles to determine the way it can eventually be enhance through better decision algorithms in its codes. Moreover, I worked with Control Grade operations, mainly on drilling, spare assistance and planning samples collection.

# EDUCATION

## MINING AND METALLURGY ENGINEERING / U.NACIONAL DE COLOMBIA/ MEDELLIN, COL

JANUARY-2013/OCTUBER-2019/6 YEARS

A comprehensive syllabus which enables to consolidation of a problem solving mindset and strong numerical base. The subjects that interested me the most have been Linear algebra, mining environments and fluid mechanics.

## WEB DEVELOPMENT / CODECADEMY.COM/ONLINE(JAVASCRIPT/HTML/CCS)

OCTOBER-2018/ACTUAL

Intensive online career which I'm currently enrolled in and it addresses the following courses:  
  
Introduction to HTML/ Styling website with CSS/ Introduction to Javascript/ advanced CSS/ Intermediate Javascript/ Introduction to Jquery/ Introduction to commnad line/introduction to git versioning/ Front-End development with React/ Back-End development with Node and Express/SQL and databases/fundamental of testing.  
Libraries: Jquery, React, Babel,npm,Ionic, Electron,flutter, Handlerbars.

## DATA SCIENTIST / DATACAMP.COM/ONLINE(PYTHON/R)

AUGUST-2018/AUGUST-2019/12 MONTHS

Intensive online training wherein I gained hands-on advanced programming with R and Python, data visualization, data cleaning, statistical fundamentals for data analysis as well machine learning and fundamental SQL. Some courses:  
  
Introduction to data/programming with R/importing data/ data cleaning fundamentals/data visualization with ggplot2/ inference in numerical and categorical data/ Regression and correlation analysis/Unsupervised learning/ supervised learning classification/ supervised learning regresion/ reporting markdown and shiny/Machine Learning with Tree-Based Models in R .

## COMPUTER SCIENCE WITH PYTHON / CODECADEMY.COM/ONLINE

OCTOBER-2018/AUGUST-2019/10 MONTHS

Computer Science training path with python served as flexible and accessible method for learning CS fundamentals.I went over Introduction to programming, development skills, flow, data and iterations as well as python object and OOP. Moreover, I learned Data Structures, Recursion and sorting algorithms. I'm also familiar with Django and flask for back-End development. Libraries: SQLAlchemy, Pymongo,Scikit-learn, Tensorflow, pandas, matplotlib, numpy.

# ADDITIONAL ACTIVITIES

## ♥ BLOG PERSONAL - VIVES UNA VEZ

A blog mixing personal reflexions and statistics concepts aimed at spreading awareness about the inequalities and unfairness experienced by people in vulnerable conditions especially in the process of making their dreams true.

## ♥ SOCIAL SPONSORSHIP PROGRAM- BUENAVISTA

Along with a group of women named "emprendedoras Buenavisteras" and other strategic actors, we are currently developing a project that aims at bringing development and wellness to the village of Buenavista that currently faces challenges in terms of education and nutrition. The lack of investment along with a high rate of corruption do not let them overcome difficulties. Keeping in mind the Sustainable Development Goals, I intent to put my network-ing skills and willingness to create change at work in order to establish a sponsorship and educational program.

# LANGUAGES

ENGLISH: C1 SPANISH: NATIVE FRENCH: A2