# NECMETTIN CEYLAN

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Santiago / Chile

## WORK EXPERIENCE

**Yapp Chile – Data Scientist**

**Currently working as a data scientist and machine learning engineer in Santiago, Chile for Yapp Chile since September 2019.**

## COMPLETED ONLINE COURSES

- MIT | Introduction to Computer Science and Programming in Python
- Coursera | Python for Data Science by IBM
- EDX | Machine Learning Fundamentals by UCSanDiego
- Coursera | Machine Learning by Stanford

Check my website for more info.

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## EDUCATION

**BSc. Physics - Akdeniz University (2015)**

**MSc. Physics - Akdeniz University (2019)**

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## SCHOLARSHIPS

**TUBITAK (2015)**

Determination Of Natural Radioactivity Levels Of the Commercial Granites in Antalya. Supported by Scientific and Technological Research Council of Turkey. Project no: 1919B011402242

**CERN-ISOLDE (2017 > 2018)**

I participated in experiment IS619:" Effects of the neutron halo in 15C scattering at energies around the Coulomb barrier " which took place in CERN-ISOLDE. Supported by European Nuclear Science and Applications Research (ENSAR2). 14.08.2017 - 31.08.2017

## ABOUT ME

I completed my bachhelor's and master degree in Physics.

My thesis topic was experimental nuclear physics. In this project i participated since taking data and then cleaning it and making monte carlo simulation.

Even before i am interested in data science i had some experiance

I would like to learn more things and do my job better, faster and more efficiently. I love to learn. I am capable of learning things alone as well as team work.

Currently i am working as data scientist and machine learning engineer in Yapp Chile.

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## SKILLS

Python, NumPy, Pandas, Matplotlib

Jupyter Notebook , Tensorflow

scikit-learn , keras, AWS, GCP

SQL, PostgreSQL, pgAdmin

Tableau, Time Series Forecasting

HTML5, CSS, Latex, Octave

Linux, GEANT4, ROOT, NPtool

# Necmettin Ceylan

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**Education**

**Akdeniz University**
MSc., Physics, 2019

**Akdeniz University**
BSc., Physics, 2015

**Thesis**

**Preliminary Study of $^{15}$C + $^{208}$Pb Scattering at Energies Around the Coulomb Barrier**

Focus of this thesis is the preliminary study and Monte Carlo simulation of one of the telescopes of the experiment IS619: "Effects of the Neutron Halo in $^{15}$C Scattering at Energies Around the Coulomb Barrier" which took place in CERN's Isolde radioactive beam facility

**Work Experience**

**Yapp Chile**
Data Scientist, Sep 2019 - Currently
Currently working as a data scientist and machine learning engineer in Santiago, Chile for Yapp Chile

**Activities**

**Università degli Studi di Padova**
Erasmus Exchange, 2 semesters, 2012-2013

**Adım Days of Physics**
Poster Presentation of "Determination Of Natural Radioactivity Levels of the Commercial Granites"
Kütahya, Turkey, 28-29 May 2015

**Antalya Science Festival**
Antalya, Turkey, 9-14 June 2015

**NUBA International Nuclear Physics Summer Course**
Summer School for Graduate Students in Experimental Nuclear Physics
Antalya, Turkey, 23-30 August 2015

**Universidad de Huelva**
Erasmus Exchange, 2 semesters, 2017-2018

**Jornadas de I+D+i: Ciencia Interdisiplinar y Tecnologia**
Huelva, Spain, 14-16 November 2017

**La Noche Europea de los Investigadores Andalucia**
Huelva, Spain, 29 September 2018

## Experiments Scholarships

**TÜBİTAK**
"Determination Of Natural Radioactivity Levels Of the Commercial Granites in Antalya" Project no: 1919B011402242
05.01.2015 - 30.06.2015

**CERN, Isolde**
I participated in experiment IS619:"Effects of the Neutron Halo in $^{15}$C Scattering at Energies Around the Coulomb Barrier" took place in CERN's Isolde laboratory. Supported by European Nuclear Science and Applications Research (ENSAR2)
14.08.2017 - 31.08.2017

## Languages and Skills

Turkish (native), English (advanced), Spanish (intermediate)
Root, Geant4, NPtool, Gnuplot, LaTeX, Octave, Microsoft Office, Python
NumPy, Pandas, Matplotlib, Jupyter Notebook, Scikit-learn, Keras, Tableau
HTML5, CSS, SQL, PostgreSQL