

Sara Henchiri

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Summary Skills

A highly motivated Engineer with demonstrated Project Management and critical thinking skills.

I am well organized and detail oriented with a strong focus on Strategic planning and Communication.

I can write Python and HTML and I am comfortable with Linux Operating Systems.

Education

[Business Analytics Specialization, The Wharton School of the University of Pennsylvania](#) (Coursera Verified Certificate)

September 2017- Now

“This Specialization provides an introduction to big data analytics for all business professionals, including those with no prior analytics experience. You’ll learn how data analysts describe, predict, and inform business decisions in the specific areas of marketing, human resources, finance, and operations, and you’ll develop basic data literacy and an analytic mindset that will help you make strategic decisions based on data. In the final Capstone Project, you’ll apply your skills to interpret a real-world data set and make appropriate business strategy recommendations.” - description from the Coursera website.

[Getting and Cleaning Data, Johns Hopkins University](#) (Coursera Verified Certificate)

February 2016

“The course covers the basics needed for collecting, cleaning, and sharing data. It covers obtaining data from the web, from APIs, from databases and from colleagues in various formats. It also cover the basics of data cleaning and how to make data “tidy”. The course also covers the components of a complete data set including raw data, processing instructions, codebooks, and processed data.” - description from the Coursera website.

[R programming, Johns Hopkins University](#) (Coursera Verified Certificate)

June 2015

In this course I learned how to program in R and how to use R for effective data analysis, how to install and configure the necessary software for a statistical programming environment and describe generic programming language concepts as they are implemented in a high-level statistical language. The course covers practical issues in statistical computing which includes programming in R, reading data into R, accessing R packages, writing R functions, debugging, profiling R code, and organizing and commenting R code.

[The Data Scientist’s Toolbox, Johns Hopkins University](#) (Coursera Verified Certificate)

May 2015

Introduction to the main tools and ideas in the data scientist's toolbox. The course gives an overview of the data, questions, and tools that data analysts and data scientists work with. There are two components to this course. The first is a conceptual introduction to the ideas behind turning data into actionable knowledge. The second is a practical introduction to the tools that will be used in the program like version control, markdown, git, GitHub, R, and RStudio.

[Engineer in applied Science and Technology, INSAT](#) (National Engineering Degree)

September 2010 - June 2015

INSAT was created as a cooperation between Tunisia and France in 1996. Its training system is following the INSA program of France.

The Industrial Biotechnology engineering program focused on different areas such as: biochemistry, microbiology, Immunology, bioprocessing.

Academic Projects

Bioinformatics characterization of Sherp protein involved in infectivity of leishmaniasis

Pasteur institute, Tunis

January 2015 - June 2015

The parasite Leishmania is a protozoan that infects human macrophages and inhibits many of their functions. This infection requires that the parasite reaches the stage of promastigote metacyclic. This stage is distinguished by the presence of a protein called SHERP. During this work, the motifs and structures of the protein SHERP of the parasite Leishmania Infantum and Mexicana have been determined starting from their peptide sequences. These proteins have been used in a docking study in order to identify the different protein partners involved that have put SHERP in an interaction network (docking) between the different surface proteins of the parasite and those of its host cell.

Skills: Python, Modeller software, MEME, Chimera, HEX 8.0.0

Career and Internships

Junior Business Analyst

Sentinel Data, Atlanta, USA

August 2017 - Now

Sentinel Data is a company that provides Software solution for vendors and the pharmaceutical industry to help them to manager their marketing campaigns and sales promotions. I am helping the team clean up the extracted data, and create and validate the formulas and matrix used to compute the output data send to the clients.

Skills: Microsoft Office, SQL, Python, Communication, Organization.

Educational Program Manager

Alliance Française, Atlanta, USA

July 2017- Now

Developing, promoting, and supporting corporate clients: manage contracts and develop new markets

Developing, promoting, and supporting private-lesson clients: manage contracts and develop new markets

Managing and administering Proficiency Exams: TCF, DELF-DALF, DAEFLE

Education Marketing: promote the classes of Alliance Française ATLANTA

Education Assistant: assist the education director in variety of functions.

Skills: Microsoft Office, Communication, Organization, Negotiation, Marketing, Management.

Office manager

Alliance Française, Atlanta, USA

November 2016 - July 2017

Greet customers, answer phone calls, register students and members, setup contracts for private lessons. I was also responsible for providing support to the administrative team and all teachers. Manage the software used for courses management.

Skills: Microsoft Office, communicating, organization.

Education Intern

Alliance Française Atlanta GA, USA

January 2016 - April 2016

Assisted with the organization of events such as "Immersion Day for Students", "Francophonie Festival". Developed and put in place a social blog intended for students to use.

Skills: Microsoft Office, SurveyMonkey, HTML, CSS, Python.

Biotechnology Intern
Institute of Arid Areas, Tunisia
July 2014

Assisted the researcher in charge of the MTT test to follow the activity of vegetable extracts against the proliferation of human breast cancer cells.

Intern
Tipiak Epicerie, Nantes Atlantique, France
August 2013

Worked on the packaging workshop with the various packaging lines and captured data transmitted by operators to the production indicators.

Intern
ADWYA, Tunisia
June 2013

ADWYA is a pharmaceutical company in Tunisia.
I discovered the production workshops, from the raw product to the final product.
Assisted the lab technicians in the physico-chemical and microbiological quality analysis.

Intern
Anatomical Pathology and Cytopathology Lab, Tunisia
August 2012

Assisted with the macroscopic and microscopic analysis of diseased tissues performed by lab technicians, and supervised by the physician in charge.

Languages

- **English:** full professional proficiency.
- **French:** native language.
- **Arabic:** native language.

Skills

- Operating Systems: Microsoft Windows, macOS, Ubuntu Linux.
- MS Office: Word, Excel, PowerPoint.
- R programming language, Python, HTML/CSS, JavaScript, SQL.