

CANER IRFANOGLU

canerirfanoglu@gmail.com | [Linkedin](#) | [Website](#) | [Medium](#)

CORE COMPETENCIES

Professional Interests	Cloud Solutions, Algorithmic Trading, Cryptocurrencies, Web Applications,
Personal Qualities	Self-Motivated, analytical thinker, energetic, driven, well-rounded, team player
Technologies	Python, AWS, SQL, Git, Docker, JavaScript, React, Linux, Jira, Tableau
Hobbies	Swimming, poker, soccer, ping-pong, yoga, meditation

CAREER OVERVIEW

Senior Data Engineer – Data Sciences	Montreal, Canada Apr 2022 - Current
<ul style="list-style-type: none">Functioned as cloud architect to transition into company owned compute (EC2 on ECS) & storage (Redshift) infrastructure layer to replace vendor platform. That changed pricing model from per user to usage basis. This led to yearly savings over \$150k while liberating accessDelivered client projects involving AI chatbots, data strategy development and CRM integrationsContributed creation of data processing layer of proprietary Python package for ETL standardization	
Data Analyst – Merck & Co., Inc	Montreal, Canada Apr 2020 - Apr 2022
<ul style="list-style-type: none">Created dashboards that aid organizational digital transformation using Tableau, QlikSense and SpotfireFunctioned as a translator between business and technical teams with the end goal of improving customers' digital experience. Adopted Agile methodology for increased productivity	
R/Python Developer Intern – Plotly, Inc.	Montreal, Canada May 2019 - Dec 2019
<ul style="list-style-type: none">Created highly interactive, browser-friendly dashboards with Python and R. Used Git and Github for code management and collaboration. Contributed to Plotly and Dash documentationDeployed a Machine Learning Application using Azure and Docker containers for a blog post	

PROJECTS

 [Github](#)  [Tableau Public](#)

Full Stack Developer – Evoque Mobile App	Montréal, Quebec Jun 2023 – Nov 2024
<ul style="list-style-type: none">Co-created an e-commerce app with a loyalty system. Used React Native for frontend. Deployed micro-service API with AWS Lambda Functions using Node.js and Serverless. Used MongoDB for the storage	
Full Stack Developer – cryptodash	Montréal, Quebec Jan 2020 – Feb 2022
<ul style="list-style-type: none">Designed and implemented data feed to the app. Coded frontend using Python, Bootstrap 4 and CSSCoded a Node.js API that acts as an intermediate layer by querying multiple data provider API's, caching results to a NoSQL (Firestore) database and powering the frontend	
Data Scientist – AIESEC's Digital Transformation	Montréal, Quebec Jan 2019 – Mar 2019
<ul style="list-style-type: none">Led team of 5 to build recommendation system for the International Business Analytics Challenge. Used Tableau and R for analysis and creating an ML solution. Productionalized a prototype using Flask	
Software Developer – Jeffrey Trading Bot	Istanbul, Turkey Jan 2018 – Sep 2018
<ul style="list-style-type: none">Cryptocurrency bot that can make long and short trades. Integrated with 2 exchange API'sCoded the execution layer in Python. Developed and backtested the strategy in R	
Data Science Student – Data Science Specialization	Irvine, California Aug 2016 – Apr 2017
<ul style="list-style-type: none">Rpubs Quantitative Analysis Projects and Shiny CountryGDP App	

EDUCATION

Saint Mary's University
M.Sc. Computing and Data Analytics Halifax, Nova Scotia 2018-2020
Southern States University
M.B.A. Newport Beach, CA 2015-2017
METU
B.S. Chemical Engineering Ankara, Turkey 2007-2013

CERTIFICATION

AWS Solutions Architect & CCP Algorithms - Stanford University
Machine Learning - Stanford University
Ultimate Hands-on Hadoop - Udemy
Complete Tensorflow Guide - Udemy
Advanced Technical Analysis - Udemy