

Omar Abusheikh

Data Science | Consulting | Research

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Professional Experience

Tabscanner (Start-up) - Austin, TX	Machine Learning Engineer / Consultant	2019 – Present
<ul style="list-style-type: none">Consulted management on industry, competition, and strategy, after conducting extensive market researchAggregated data from receipts, invoices, and expense reports of 1,000+ consumers in 8 languages for ML model trainingLed small optimization project which led to 99% accuracy in Indonesian receipt scanning accuracyTesting, supporting, documenting, and backend tuning for production API used by over 20 organizations in 5 countries		
Self - Austin, TX (Remote)	Freelance Technology Consultant	2018 – Present
<ul style="list-style-type: none">Consulting companies across multiple industries regarding disruptive technologies, competition, and strategic planningCustomized research, data analysis, and reporting to client needsClients include: Nuun Watches (New York City, NY), Handsome (Austin, TX), and Umbel (Austin, TX)		
Advanced 1 - Georgetown, TX	Project Specialist (SQL Database)	2016 – 2019
<ul style="list-style-type: none">Supported 15 SQL (Oracle 11g) databases (infrastructure data) for Charter Communications, approximately 100GB eachProvided technical support for databases which service over 15M customers in the USAImplemented multiple operational processes which led to the downsizing of TSG from 7 individuals to 1Solely responsible for all TSG (Technical Services Group) operations, from 11/2018 through 07/2019		
Plasmatronycs (Start-up) - Austin, TX	Research Analyst / Consultant	2013 – Present
<ul style="list-style-type: none">Consulted original team regarding 'plasma gasification' waste-to-energy technology, including commercial feasibilityPrepared business plan which advanced team to ATI's SEAL Program during '14 Texas Venture Labs Competition(Current Role) Quarterly consulting meeting with management regarding industry trends and company strategy		

Technical Projects

Hand-Drawn Digit Classifier Application (CI/CD) | Github



Global Earthquakes Visualizer (CI/CD) | Github



Education

University of Texas at Austin	Bachelors in Mathematics	05/2012
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Certifications

Deeplearning.ai	Deep Learning Specialization	12/2019
UT Austin, McCombs School	Data Analysis & Visualization Certificate	04/2019
University of Pennsylvania, Wharton	Business Foundations Certificate	11/2016

Skills

Data Science (Daily Tools): Python, Scikit Learn, Keras, Tensorflow, Pandas, Numpy, Matplotlib, Excel, Version Control (git)

Consulting and Research: Multi-Disciplinary Technical Expertise, Disruptive Technology Analysis, Industry Study

Mathematics: Advanced Statistics, Probability, Linear Algebra, Calculus, Differential Equations

Familiar Tools: Javascript, NPM, NoSQL/MongoDB, PaaS, Sqlite, MySQL, CRUD, ETL, Scraping, RESTful API

General: Adept at assessing disruptive technologies and translating technicalities into understandable reports

