

Omar Abusheikh

Machine Learning & Data Science

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Portfolio: Ohmarr.github.io

Github: github.com/Ohmarr

Location: Austin, Texas, USA

TECHNICAL SKILLS

- | | | |
|----------------------------|---------------------------------|---------------------------|
| • Python | • Probability / Statistics | • Html / JavaScript / CSS |
| • R | • Calculus / Linear Algebra | • Node Package Manager |
| • Scikit-Learn | • SQL / MySQL / Oracle / Sqlite | • Restful API |
| • TensorFlow / Keras | • NoSQL / MongoDB | • Git / Github |
| • NumPy / SciPy / Pandas | • ETL / CRUD Scraping | • Regular Expressions |
| • PaaS / Heroku / FloydHub | • Data Mining / Wrangling | • Excel / VBA |

RELEVANT EXPERIENCE

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|--|--|----------------|
| Tabscanner (Start-up) | Machine Learning (ML) Engineer | 2019 – Present |
| <ul style="list-style-type: none">Aggregate data from 1,000+ consumer receipts, used in training Optical Character Recognition (OCR) model, which is used in a production API by over 20 organizationsTune hyperparameters, resulting in 99% accuracy in Indonesian receipt scanning accuracyContribute to production API development, testing, deployment, and documentation | | |
| Advanced 1 | Project Specialist (SQL Database) | 2016 – 2019 |
| <ul style="list-style-type: none">Supported 15 distinct SQL (Oracle 11g) project databases for Charter Communications, approximately 100GB each, which store the telecom infrastructure data servicing over 15 million customersDeveloped and implemented multiple operational processes which led to the downsizing of the Technical Services Group from 7 individuals to 1Maintained sole responsibility for TSG (Technical Services Group) operations, including all internal db support / troubleshooting tasks, daily analytics, and long-term forecasting from November 2018 through July 2019 | | |
| Plasmatronycs (Start-up) | Research Analyst | 2013 – 2014 |
| <ul style="list-style-type: none">Assessed commercial viability/feasibility (Quicklook Methodology) of plasma gasification waste-to-energy technologyAssisted and consulted engineers during creation of functional prototype, by sourcing \$20k worth of materials, and product testingHelped prepare business plan, which advanced team to ATI's SEAL Program during 2014 Texas Venture Labs Competition | | |

TECHNICAL PROJECTS

[Digit Classifier ML Application | Github](#)

Technologies: TensorFlow, keras, Scikit, pandas, numpy, Flask, Requests, API: REST, npm, unix, Supervised ML

- Full-Stack Scripted Python-Requests Application deployed on PaaS, which predicts hand-drawn integers by user
- Convolutional Neural Network (CNN) model trained on 60,000 hand drawn digits from the MNIST dataset

[Global Earthquakes Application | Github](#)

Technologies: JavaScript, JQuery, leaflet.js, d3.js, API, npm, gulp, JSON, unix

- JavaScript Web Application deployed on PaaS, which displays visualization of earthquakes over the past week
- Developed using leaflet.js and d3.js using node package manager, with data retrieved via API calls from the USGS

EDUCATION & CERTIFICATIONS

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|--|---|---------|
| 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 |
| UT Austin, College of Natural Sciences | Bachelors in Mathematics | 05/2012 |