DAVIES ODU

✉ daviesodu@gmail.com
🌐 daviesodu.com
📞 9848886717
📍 San Francisco, CA

🐦 davoduuu
in davodu
○ davodu

EDUCATION

Springboard, San Francisco CA   Mar. 2019 to Apr. 2020
Machine learning Engineer Career Track

Duke University, Durham NC   Aug. 2015 to May 2017
Masters Computer Engineering 2017

St Petersburg Electrotechnical, Russia   Sept. 2011 to June 2015
Bachelors Nanotechnology 2015

SUMMARY

I have been moulded into the resilient problem solver and collaborator I am today by my formal and informal education growing up on 3 continents.

My goal is to utilize AI/Machine learning and statistical analysis techniques to drive value while leverage my extensive software development experience gained through numerous roles as a web developer.

SKILLS

MACHINE LEARNING: Deep learning, Feature Engineering, Transfer learning, Classification, Regression, Image Processing, Computer vision
FRAMEWORKS: Tensorflow, Scikit-learn, Keras, Jupyter, Docker, OpenCV
LANGUAGES: Python, Linux, SQL, C#, Typescript
WEB DEVELOPMENT: HTML5, NodeJS, Kusto, GraphQL API

EMPLOYMENT

MICROSOFT   San Francisco
Software Engineer   June 2017 to Current, June 2017 to Current
Backend development

RELEAF   Fremont, CA
Software Engineer   Mar. 2017 to June 2017, Mar. 2017 to June 2017
API development. Full stack developer.

IBM   RTP Area, Durham NC
Software development   June 2016 to Dec. 2016
Full stack developer.

PROJECTS

DEEP FASHION SEARCH ENGINE
Multi-Class attribute based classification of clothing images using extracted feature vectors.

ARTWORK ATTRIBUTE RECOGNITION
Fine-Grained Visual Categorization of art collection from the New York Metropolitan Museum of Art.

COVID-19 DATA ANALYSIS
Retrieval, processing, modeling and visualization of CORONA Virus data

RECOMMENDATION ENGINE FOR BOOKS
Using item based collaborative filtering to find similar books given a desired book name.

SPRINGBOARD BOOTCAMP
Over 400 hours of hands-on course material, with 1:1 industry expert
mentor oversight, and completion of 1 in-depth capstone project. Mastered skills in
the machine learning stack, including data wrangling at scale, deep learning, and
building and deploying large-scale AI systems

AWARDS

Microsoft Silicon Valley · MICROSOFT GLOBAL HACKATHON 2019
Most collaborative project, put together a team of 50 from 5 continents.

VOLUNTEERING

OPEN DATA SCIENCE CONFERENCE · Volunteer Staff   Oct. 2019
San Mateo
Renowned AI conference. Emceed on second largest stage. Kept the audience engaged and introduced AI game changers on stage.

SILICON VALLEY FORUM · Technical Mentor   Nov. 2017
San Francisco
A special hackathon that invites the best and brightest minds to innovate solutions targeted towards growing food on Mars.

CAL HACKS · Microsoft Technical Mentor   Oct. 2017
University of California, Berkeley
Cal Hacks brings together 1,700 hackers from 100 schools and 5 countries to innovate in a fun atmosphere.