ROBIN STRINGER

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SUMMARY

Software engineer skilled in Python, JavaScript, deep learning, computer vision and web development with more than a decade of leadership and practical experience in challenging military, corporate and non-profit environments.

SKILLS

Deep Learning: Python, TensorFlow, Keras
Computer Vision: OpenCV, Matplotlib
Data: MongoDB, SQL
Web: JavaScript, AngularJS, Node.js, HTML5/CSS3

Deployment: Google App Engine, Firebase, Heroku
Source Control: GitHub
Languages: Good Russian, French, Brazilian Portuguese, Spanish, proficient ASL, basic Arabic

PROJECTS

Sudoku Solver – Created program in Python to solve Sudoku puzzles using constraint propagation

Traffic Sign Classifier – Implemented cutting-edge deep learning, image processing and GPU technology in TensorFlow to read dataset with 96% accuracy

Road Lane Detection – Developed computer vision pipeline using Canny edge and Hough Transform to detect lanes in images and video

PROFESSIONAL EXPERIENCE

Udacity, Seattle, WA
Project Reviewer, Jan. 2017 – Present
- Evaluated students' neural network projects and provided helpful and actionable advice for code improvements

Web Developer, Seattle WA
Independent, Jan. 2016 — Present
- Built sites for clients using agile development, JavaScript/Angular for front-end, Node/Express for back-end

Bloomberg News, New York, NY
Europe Editor, Aug. 2014 – June 2015
- Edited texts from reporters in Central and Eastern Europe, monitored news wires in several languages
- Boosted 'win rate', a measure of breaking news published before competing agencies, to more than 70%

Achilles International, New York, NY
Associate Director, Nov. 2012 – July 2014
- Coached and ran as guide for visually-impaired runners in marathons and triathlons
- Raised more than $350,000 though organising a gala and grant writing

Bloomberg News, London, U.K., New York, NY, Sao Paulo, Brazil
Reporter and Editor, Sept. 2006 – Aug. 2011
- Reported and edited world news in U.K.; UN and financial crisis in New York; elections and boom in Brazil

British Army, U.K.
Infantry Officer, Rank of Captain, Jan. 2001 – April 2005
- Commanded platoon of 25 soldiers on training exercises and operations in challenging conditions
- Forged relationships with representatives of diverse populations in post-conflict societies to help plan council elections and productively invest funds from GBP 11 million international aid for reconstruction

EDUCATION

Udacity – *Self-Driving Car and Artificial Intelligence Nanodegrees, In Progress*
University of Manchester, U.K. – *Joint BA Hons Russian and French, June 2000*