

# ROBIN STRINGER

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## SUMMARY

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

## SKILLS

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**Deep Learning:** Python, TensorFlow, Keras

**Computer Vision:** OpenCV, Matplotlib

**Data:** MongoDB, SQL

**Web:** JavaScript, AngularJS, Node.js, HTML5/CSS3

**Deployment:** Google App Engine, Heroku

**Source Control:** Github

**Languages:** Good Russian, French, Brazilian

Portuguese, Spanish, proficient ASL, basic Arabic

## PROJECTS

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### Traffic Sign Classifier

- Implemented cutting-edge deep learning, image processing and GPU technology in TensorFlow to read dataset with 96% accuracy
- Tested and refined algorithms and pre-processing computer vision techniques to increase accuracy

### Road Lane Detection

- Developed computer vision pipeline to process and detect lane lines in images and video
- Boosted accuracy using computer vision techniques including grayscale and Hough Transform

### Websites

- Built sites for clients using agile development, JavaScript/Angular for front-end, Node/Express for back-end

## PROFESSIONAL EXPERIENCE

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### 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%
- Coached team members to use nascent natural language processing tools to auto generate flash bulletins

### Achilles International, New York, NY

*Associate Director, Nov. 2012 – July 2014*

- Coached and ran as guide for visually-impaired runners in marathons and triathlons
- Planned and executed logistics for groups of 20-70 with diverse needs at events such as the Boston marathon
- Raised more than \$350,000 through 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, translated and edited world news in London; United Nations and financial crisis in New York; elections and commodities boom in Brazil

### British Army, U.K.

*Infantry Officer, Rank of Captain, Jan. 2001 – April 2005*

- Commanded platoon of 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

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**Udacity** – Self-Driving Car Nanodegree, *In Progress*

**University of Manchester, U.K.** – *Joint BA Hons Russian and French, June 2000*