

Septina Larasati

Software Engineer, Natural Language Processing, Machine Learning

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Green Card Holder

EXPERIENCE

■ Software Engineer, McLean Virginia – July 2019 - Current

Capital One: Working as an Engineer in a DevOps tech team, focusing on a customer voice biometric project and supporting bank tech using various AWS stacks (AWS Certified).

■ NLP Software Developer Consultant – June 2017 - December 2018

Client: LOGAPPS, LLC: Working as an NLP Consultant for LOGAPPS MARINE Software using Python.

Client: Clarabridge: Working as an NLP Language Engineer consultant implementing the Indonesian module into Clarabridge's platform.

■ Conference Speaker and Volunteer

May 2018: **LREC Conference Japan:** Scientific publication speaker.

October 2018: **CCSC Conference, Arlington VA:** Organizer/Volunteer.

+ 12 International publications

■ Software Developer, Washington DC – May 2016 - April 2017

Oracle America Inc.: Part of the NLP Oracle Language Team. Improving Oracle search capabilities in various languages and managing data (Python and Java).

■ NLP Researcher and Consultant – 2011 - 2014

Appen. Working as an NLP Language Engineer developing a spell checker for Word Processor.

Lionbridge: Working as an NLP Language Engineer for universaldependencies.org project.

■ Early Stage Researcher, Riga, Latvia – August 2011 - April 2013

Tilde SIA, Latvia: Researcher in Machine Translation under EU grant.

EDUCATION

Charles University, Prague – Czech Republic

Ph.D. Computer Science 2010 – ABD *Marie Curie Fellowship*

Charles University, Prague – Czech Republic

Free University of Bozen Bolzano, Bolzano – Italy

M.Sc. Computer Science 2008 – 2010 *EU Scholarship Erasmus Mundus*

University of Indonesia, Depok – Indonesia

B.Sc Computer Science 2003 – 2007

SKILL

Java, Python, Android, ReactJS, Unix, SQL/NoSQL (Oracle, MySQL, PostgreSQL, DynamoDB), Repositories (Git, SVN, Perforce), AWS, Google Cloud, Docker, RESTful API, Machine Learning, Kaldi, spaCy, scikit-learn, keras, tensorflow, R, Agile, Jira, Jenkins.

CERTIFICATION

AWS Certified Solutions Architect – Associate

PROJECT

Android App – Bohème

<http://bohemeapp.com/>

Food truck tracking app using NLP techniques. We locate food trucks by harvesting their current social media posts, extract their location, and put it on a Google map. (Android Java, with backend API). Available at Google Play Store.

Language Kits Morphology

<http://septinalarasati.com/>

NLP Part of Speech tagging demo, developed using React Javascript with AWS backend.

OTHER

2012 Google Summer of Code Mentor, Remote

2009 FBK Research Institute Intern, Italy