

Paula Gombar

PERSONAL INFORMATION	Address: Brace Domany 6, 10 000 Zagreb, Croatia Email & Phone: gombarica@gmail.com, +385 91 765 9222 Git: github.com/pgombar Languages: Croatian (native), English (level C1), Spanish (level B2)
EDUCATION	Radboud University , Nijmegen, The Netherlands <i>Master Specialization in Data Science</i> January 2017 – current Studying abroad for a semester, focusing on Data Science, specifically Natural Language Processing. University of Zagreb , Zagreb, Croatia <i>M.Sc & B.Sc. in Computer Science</i> September 2012 – July 2018 (expected) Bachelor Thesis: <i>Contextual Sentiment Analysis of Croatian Expressions</i> Technologies used: Python, scikit-learn.
WORK EXPERIENCE	Microsoft, Cloud & Enterprise , Redmond, Washington <i>Software Engineer Intern</i> July 2016 – September 2016 Built a distributed, scalable microservice that uses Redfish, a new open industry hardware monitoring standard, runs on Service Fabric, and uses the Reliable Actors framework. The component was fully integrated in Azure Stack. Technologies used: C#, PowerShell, Service Fabric, Azure Stack, Git. Noom, Inc. , New York, New York <i>Software Engineer Intern</i> July 2015 – October 2015 Built a web application to improve meal logging experiences by clustering and processing users' food suggestions for multiple languages. Devised a new way of clustering existing data for easier processing. Technologies used: Python, Flask, SQLAlchemy, Jinja2. X.FER , Zagreb, Croatia <i>President, Problem setter and lecturer</i> October 2012 – current X.FER is an informatics student association and its main project is the course Competitive Programming. Responsible for leading the association, giving lectures, setting up homework assignments and exams designed to help students learn algorithms and their application in solving complex problems.
PUBLICATIONS	Debunking Sentiment Lexicons: A Case of Domain-Specific Sentiment Classification for Croatian <i>Paper submission for BSNLP 2017</i> October 2016 – February 2017 Built a semi-supervised graph-based method to acquire sentiment lexicons from a corpus and experimented with acquisition parameters. Evaluated the lexicon-based models on the task of domain-specific sentiment classification and compared them against supervised models. Technologies used: Python, scikit-learn, Git. TakeLab at SemEval-2016: Using a Genetic Algorithm Based Ensemble <i>Paper submission for Task 6: Stance Classification in Tweets.</i> October 2015 – February 2016 In a team of 9, built a system for the detection of stances in tweets. The system uses an ensemble of learning algorithms, classifiers, lexical and task-specific features, and is fine-tuned using a genetic algorithm. The system ranked 3rd among the 19 systems submitted to this task. Technologies used: Python, scikit-learn, Git.
PROGRAMMING COMPETITIONS	Croatian nationals (DMIH) May 2006 – May 2010 Croatian Open Competition in Informatics (COCI) October 2006 – April 2011
SKILLS	Advanced: C, Java Working knowledge: C++, C#, Python, Git, Cabal, Linux Basic: SQL, JavaScript, PHP, Haskell
HOBBIES	Travel, Languages, Fitness, Reading, Dogs