

# Amirmohammad Kazemeini



Personal Website |



amirmohammadkz@gmail.com |



LinkedIn |



Google Scholar |



GitHub

## Work Experience

NLP Intern  
Aug. 2022 – Present

### **CIL – NTU ( Computational Intelligence Lab – Nanyang Technological University)**

- Under supervision of [Dr. Erik Cambria](#), [Dr. Luu Anh Tuan](#)
- Responsible for applying psychological knowledge to the AI models in the field of responsible AI

NLP Intern  
Sep. 2021 – Aug. 2022

### **CAMH – KCNI ( Centre for Addiction and Mental Health - Krembil Centre for Neuroinformatics)**

- Under supervision of [Dr. Abhishek Pratap](#)
- Responsible to analyze and process textual mental health datasets by designing and using NLP pipelines.
- Interviewed and evaluated post-doc candidates in the field of NLP

Automation Intern  
May. 2021 – Aug. 2021

### **Vector Institute**

- Under supervision of [Jackie Zurborg](#)
- Responsible for designing tools to automatically extract Vector institute members publications, and how they performed in top conferences.
- Interviewed and evaluated new interns for Vector Institute

Data Mining Research Assistant  
Sep. 2017 – March. 2019

### **ABDAL (Advance Big Data Analysis Laboratory), Iran University of Science and Technology**

- Under supervision of [Dr. Hossein Rahmani](#)
- Learning Spark(Scala), Java and Clementine as tools of Data Mining
- Responsible for spatio-temporal data analysis including outlier detection, spatio-temporal clustering, etc.

Android Developer  
Nov. 2016 – Jan. 2017

### **Red Crescent Society of the Islamic Republic of Iran**

- Responsible for implementing educational android games

## Academic Experience

NLP Research Assistant  
Oct. 2020 – Aug. 2022

### **Western University**

- Under supervision of [prof. Robert E Mercer](#) & [Dr. Erik Cambria](#)
- Interpretable Prediction of Personality traits using participants' writings

NLP Research Assistant  
March. 2019 – Feb. 2020

### **Iran University of Science and Technology**

- Under supervision of [Dr. Sauleh Eetemadi](#) & [Dr. Erik Cambria](#)
- Personality detection using users' writings

Teaching Assistant

### **Western University**

Data Analytics (Winter 2021 & Winter 2022), Computer Science Fundamentals (Fall 2021)

Teaching Assistant

### **Iran University of Science and Technology**

Data Mining (Fall 2018), NLP (Spring 2019), Deep Learning (Fall 2020)

## Education

Jan. 2021 – Aug. 2022

### **Western University**

M.Sc. in Computer Science (Vector Institute Collaborative Specialization in AI)

Under supervision of [prof. Robert E Mercer](#)

GPA: 4/4

Sep. 2015 – Feb. 2020

### **Iran University of Science and Technology (Iran top 3)**

B.Sc. in Computer Engineering (Software)  
GPA: 3.64/4

## Publications

---

|                        |   |
|------------------------|---|
| Neurocomputing         | Y. Li, <b>A. Kazemeini</b> , Y. Mehta, E. Cambria " <b>Multitask learning for emotion and personality traits detection</b> "<br>Elsevier Neurocomputing journal   |
| IEEE ICDM SENTIRE 2021 | <b>A. Kazemeini</b> , S. Singha Roy, E. Cambria, R. E Mercer " <b>Interpretable Representation Learning for Personality Detection</b> "<br>IEEE International Conference on Data Mining - Sentiment Elicitation from Natural Text for Information Retrieval and Extraction Workshop |
| IEEE ICDM 2020         | Y. Mehta, S. Fatehi, <b>A. Kazemeini</b> , C. Stachl, E. Cambria, S. Eetemadi " <b>Bottom-Up and Top-Down: Predicting Personality with Psycholinguistic and Language Model Features</b> "<br>IEEE International Conference on Data Mining   |
| ACL WinNLP 2020        | <b>A. Kazemeini</b> , S. Fatehi, Y. Mehta, S. Eetemadi, E. Cambria " <b>Personality Trait Detection using Bagged SVM over BERT word embedding ensembles</b> "<br>Association of Computational Linguistics- Widening NLP workshop  |

## Notable Honors & Awards

---

|  |  |
|--|--|
| <u>Mitacs Globalink Research Award</u><br>2021 | <b>Recipient of 12000\$ for 12 week period research in the field of responsible AI in AI Singapore and collaborating with Nanyang Technological University</b> |
| <u>Vector Institute Spotlight</u><br>2021      | <b>Selected among the Successful Previous interns at Vector Institute</b>  |

## Skills

---

|                               |   |
|-------------------------------|---|
| <b>Technical (proficient)</b> | Python (Pandas, NLTK, Tensorflow, Pytorch, Scikit-learn, Numpy), Java, Spark(Scala), Github, Synapse, Cytoscape, Clementine, HTML, JavaScript, CSS, JetBrains(Pycharm, IntelliJ, Android Studio), Adobe Photoshop, Tableau, Latex, Microsoft Office (Word, Excel, Powerpoint), Trello |
| <b>Technical (familiar)</b>   | Django, C++, C, 8086 Assembly, SQL, Arduino, Modelsim   |
| <b>Languages</b>              | Persian: Native<br><br>English: Fluent      IELTS: 7.5/9 (Listening: 7.5, Reading: 9, Speaking: 7, Writing: 6.5)<br>GRE: 310 (Quant: 168, Verbal: 142, Analytical: 4)<br><br>Arabic: Familiar   |
| <b>Hobbies</b>                | Socializing, Psychological books, Anime, Series, Piano, Video Games, Swimming   |