

Vahid Mostofi

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EDUCATION

- **University of Calgary** Calgary, CA
Master of Computer Engineering; GPA: 4.0/4.0 *Sep. 2019 – Present*
- **Shahid Beheshti University** Tehran, IR
Master of Computer Engineering; GPA: 18.63/20.0 *Sep. 2017 – Aug. 2019*
- **University of Tehran** Tehran, IR
Bachelor of Science in Computer Science; GPA(last 61 units): 15.90/20.0 *Sep. 2011 – Feb. 2016*

EXPERIENCE

- **University of Calgary** Calgary, CA
Research and Teaching Assistant *Sep 2019 - Sep 2021 (expected)*
 - **Research Assistant - Performance Engineering:** Research on Performance Evaluation and Optimizing the way containerized applications work. with focus on planning phase of a container orchestrator.
 - **Teaching Assistant - Software Performance Engineering:** An undergraduate course with more than 50 students. In charge of labs and assignments.
- **Rahnema** Tehran, IR
Freelance Backend Developer *Apr 2019 - Jul 2019*
 - **ATS system:** Designed and developed an Applicant Tracking System based on microservice design architecture using OAuth2.0, Spring Boot and MySQL Database
- **Rahnema** Tehran, IR
Machine Learning Internship *Nov 2018 - Mar 2019*
 - **Recommendation System:** Created a recommendation system for a push notification app.
 - **Image Classification:** An Image classification task for a Kaggle competition of classifying different Wahles. Used Siamese network to train a distance metric learning model. The model finished with a bronze medal in the top 6%.
- **Shahid Beheshti University** Tehran, IR
Research and Teaching Assistant *Sep 2017 - Jul 2019*
 - **Research Assistant - Complex Networks:** Research on using deep generative models to create artificial graphs with natural behaviour.
 - **Teaching Assistant:** Courses: Cloud Computing, Advanced Information Retrieval. In charge of labs and assignments
- **YOUTABGAMES** Tehran, IR
Co-founder, developer *Aug 2015 - July 2017*
 - **Game Designer/Developer:** Designed, developed and published three arcade games for Android and iOS using swift, cocos2d-x and Unity

PROJECTS

- **Parallel Link Prediction using Node Embedding:** Fall 2019, Design and implementation (using Apache Spark) of an algorithm for parallelizing the node embedding approach for link predication
- **Generating Heterogeneous Graphs Using Deep Learning:** Winter 2018, Generating Heterogeneous Graphs Using Deep Generative Models as the project for my thesis at Shahid Beheshti University, Tehran, Iran
- **Search Engine for Stackoverflow dataset:** Winter 2017, A search engine using Apache Lucene for Stackoverflow public dataset, writtern in Java. The search engine could be searched based on different factors like, answers, questions, tags, ...
- **Angry Bird Level Generator:** Fall 2017, Creating an automatic level generator for Angry Birds, levels are randomly generated, playable, physically stable. Also the generator is configurable.