Yaser Alkayale

Yaser.ca
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EDUCATION

DALHOUSIE UNIVERSITY
BSc., Computer Science, Honours, AI Specialization
Expected Apr 2018 | Halifax, NS
Cumul GPA 4.0
Seymour Schulich Scholar
Sexton Scholar
Andrew MacKay Alumni Scholar

Entrepreneurial Skills Program
Feb 2017
Over 200 hours of entrepreneurial skills development

STANFORD UNIVERSITY
University Innovation Fellow
Dec 2015 | Stanford, CA, USA

UDACITY
Summer 2016, summer 2017
Theoretical Computer Science
Front-end Web Development

LINKS

Website:// **Yaser.ca**
Github:// **technoligest**
LinkedIn:// **YaserAlkayale**

SKILLS

PROGRAMMING
Language of Choice
C++

Proficient:
Java • Python • HTML • CSS • PHP
Prolog

Familiar:
Javascript • Swift

Tools:
CMake • Git • Vim

PASSIONS

Algorithms Research
Compilers & Programming Languages
Humanitarian Aid

EXPERIENCE

DALHOUSIE & BOEING CANADA | Research Assistant
May 2017 - present | Halifax, NS
- Worked with a team of Dalhousie PhD and Masters researchers to improve VitaSSD, a program for crash report data analytics and visualization.
- Developed advanced C++ skills, along with Python, CMake and CommandLine.
- Project focused on improving the seeding process of K-means to improve robustness of K-means and cluster-validity. Paper will be published Fall 2017.

DALHOUSIE UNIVERSITY
Teaching Assistant
Jan 2016 – present | Halifax, NS
- Worked closely with students to improve their performance in the various subjects. This included a mixture of lecturing and assignment help.
- Courses included: Principles of Programming Languages & Compilers, Rapid Prototyping for Software Innovation, and Intro to Game Design & Robotics.

Undergraduate Research Assistant
May 2016 – Aug 2016 | Halifax, NS
- Worked on a project implementing an FPT algorithm for building phylogenetic trees in C++.
- Supervised by Dr. Norbert Zeh and Dr. Robert Beiko.

CONFERENCE SPEAKING ENGAGEMENTS

LEADERS ARE ALSO INNOVATORS
DalLead, Dalhousie's Leadership Conference
Feb 2017 | Dalhousie University, Halifax

PREDICT THE FUTURE BY INVENTING IT: ACCELERATING THE PACE OF CHANGE IN ACADEMIA
Association of American Colleges and Universities Annual Conference
Jan 2017 | San Francisco, CA, USA

INNOVATING AS A STUDENT
Dalhousie Computer Science InHouse Conference
Sept 2016 | Dalhousie University

AWARDS

2017	Dalhousie University Faculty Leadership Award
2016	Faculty of Computer Science Citizenship Award
2016	Faculty of Computer Science Top Teaching Assistant Award

SOCIETIES

2015-2018	President	Syrian Student Society of Dalhousie
2014-2018	Member	Dalhousie Computer Science Society
2016-2017	Co-president	Dalhousie Entrepreneurship Society
2016-2017	Member	Enactus Dalhousie
2014-2017	Member	Golden Key International Honor Society