Yaser Alkayale

Yaser.ca
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EDUCATION

DALHOUSIE UNIVERSITY
BSc., Computer Science,
First Class Honours,
AI Specialization
June 2018 | Halifax, NS
Cumul GPA 3.92
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:
Typescript • HTML • CSS
C • Java • Python • Prolog

Familiar:
PHP • Swift

Tools:
CMake • Git • Vim

PASSIONS

Algorithms Research
Compilers & Programming Languages
Humanitarian Aid

EXPERIENCE

MICROSOFT | Software Engineer
July 2017 - present | Redmond, WA
- Improving user experience of Azure Data Factory V2 by lowering web-app load time and improving visual appearance.
- Increased customer satisfaction by careful testing of product and implementation of new features, dramatically decreasing number of customer reported incidents across the product.

DALHOUSIE UNIVERSITY
Research Assistant
May 2016 - June 2018 | Halifax, NS
- Worked with a team of Dalhousie PhD and Masters researchers improving VitaSSD, a program for crash report data analytics and visualization, by increasing the performance 40X on the same hardware using advanced algorithms and concurrency.
- Developed advanced C++ skills by optimizing the code for an FPT algorithm by rewriting existing code with increased modularity and performance.

Teaching Assistant
Jan 2016 – June 2018 | Halifax, NS
- Improved student performance by working with 500+ students in years 2 & 3 over 10 courses including Principles of Programming Languages and Introduction to Algorithms.

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

Year	Award
2018	Dalhousie University Board of Governor's Award
2017	Dalhousie University Faculty Leadership Award
2016	Faculty of Computer Science Top Teaching Assistant Award

SOCIETIES

Years	Role	Society
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