YASER ALKAYALE

Computer Science Student & Entrepreneur

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📍 Halifax, Nova Scotia, Canada

EDUCATION

Bachelor's of Computer Science, Honours

Dalhousie University

📅 Sep 2014 - Aug 2018

- Schulich Scholar
- Sexton Scholar
- Specialization in artificial intelligence
- Minor in business management

GPA
4.05 / 4.3

EXPERIENCE

Undergraduate Research Assistant

Dalhousie University

📅 May 2016 - Aug 2016   📍 Halifax, Nova Scotia, Canada

Worked with Dr. Norbert Zeh whose research is focused on algorithms

- Developed algorithms for creating phylogenetic trees to find the most probably genetic history of a given gene using a fixed parameter tractability algorithm.
- Re-implemented the project in object-oriented C++ with careful attention to modularity and run-time, creating code that can be extended and modified easily for future development.

Dalhousie University Innovation Fellow

University Innovation Fellows

📅 Mar 2016 - ongoing   📍 Halifax, Nova Scotia, Canada

Lead projects to spread innovation and entrepreneurship around the Dalhousie campus and work on fostering young entrepreneurs

- Co-founded and currently co-president of the Dalhousie entrepreneurship society, serving hundreds of students on campus with events and workshops about entrepreneurship.
- Learned design thinking at Stanford University and am using the skills to teach students from all backgrounds how to use design thinking to solve their problems and find solutions.

Teaching Assistant

Faculty of Computer Science, Dalhousie University

📅 Jan 2016 - ongoing   📍 Halifax, Nova Scotia, Canada

Enhanced my development skills through evaluating code in different languages using automated scripts and manual debugging

- Taught a third year course (principles of programming languages) in my second year which greatly improved understanding of compilers.
- Developed deep understanding of teaching Introduction to Data Structures and Algorithms, introduction to Object Oriented Programming with Java, and Introduction to Robotics.

LANGUAGES

C++/C

Java

Python

Prolog

HTML/CSS

ACHIEVEMENTS

💎 **Citizenship Award at the Faculty of Computer Science, Dalhousie University**

💎 **Third place winner, Startup Weekend Truro 2016**

PASSIONS

❤️ **Algorithms research**

❤️ **Artificial intelligence**

SKILLS

Unix/Linux

Leadership/Teamwork