Alexander Maru

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OBJECTIVE

I am currently seeking an internship for the Winter 2016 term.

COURSEWORK

UNDERGRADUATE

Functional Programming
Imperative Programming
Modularization
Algorithms, Memory and Efficiency
Mathematical Proofs
Combinatorics
Probability
Calculus I & II
Linear Algebra
Logic and Computation

HIGH SCHOOL

Information and Business
Media Arts
(Including Adobe Photoshop & Illustrator)

LINKS

Github:// **alexandermaru**
LinkedIn:// **Alexander Maru**
Twitter:// **@assefamaru**
Quora:// **Alexander-Maru**
StackOverflow:// **alexander**

INTERESTS

IN MY FIELD

Functional Programming • Cloud Computing • Artificial Intelligence • Machine Learning • Network Security • Applied Mathematics • Combinatorial Analysis • Robotics • Engineering • Mathematical Proofs • Computational Logic • Late Night Coding • Sublime Text

OTHER INTERESTS

Religion • Competitive Chess • Rubike's Cube • Cross-country Running • Travelling • Cultures and Languages • Drawing • Soccer • Philosophy • pi

EDUCATION

UNIVERSITY OF WATERLOO | Candidate for Bachelor of Mathematics in Computer Science

Expected August 2014 - 2019 | Waterloo, Ontario

- Recipient of President's Scholarship of merit in 2014.
- Used the UWaterloo API to implement various levels of functional modules using Racket in Designing Functional Programs class in 2014.
- Compared and analyzed different algorithms for efficiency in Algorithm Design and Data Abstraction course in 2015.

CAMERON HEIGHTS | International Baccalaureate (IB) Program Graduate

August 2011 - 2014 | Kitchener, Ontario

- Earned both IB Diploma and Ontario Secondary School Diploma.
- Received medal for achieving highest score in Business Technology in 2011.

EXPERIENCE

IGNITION | Web Development Coding Camp by Spark Boulder

February - May 2015 | Boulder, Colorado

Worked on various front-end and back-end projects to learn the fundamentals of web development. Some of the languages and technologies used include HTML5, CSS3, JavaScript, Ruby on Rails, Git, GitHub, Slack and Cloud9.

YMCA | New Comer Youth Program Volunteer

August 2011 - 2015 | Kitchener, Ontario

Lead youth activities and co-ordinated events to engage children between ages 3 - 18, working as a team with other volunteers and staff. Furthermore assisted guest speakers during their presentations by setting up projectors and taking care of any network issues.

KITCHENER YOUTH ACTION COUNCIL (KYAC) | Team Member

September 2012 - 2014 | Kitchener, Ontario

Organized the local annual Youth Awards, and collaborated with team members in tackling wide ranging social issues that affected youth in the city, such as homelessness and education.

SUMMARY OF SKILLS

- Proficient in Racket, C, HTML, CSS and Ruby, with some background in JavaScript and PHP.
- Extensive experience working with frameworks, plugins and technologies such as Ruby on Rails, Bootstrap, JQuery and Cloud9.
- Familiar with graphics design in Adobe Photoshop, Illustrator and Flash.
- Fluent in English and Amharic, with some background in Swahili and Spanish.
- Very committed, and ready to learn and grow in any new environment.

EXTRACURRICULARS

- Was an active member of the following clubs from 2011-2014; Math Club, Chess Club, Multicultural Club, DECA and Spanish Club.
- Ran with my high school cross-country team for two seasons, qualifying for CWOSSA in the first one.