

Rukmal Weerawarana

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Profile

I am currently a freshman at the University of Washington and an alumnus of the British School in Colombo, Sri Lanka. I am also a driven, motivated and passionate individual. I do not have any work experience, but as with everyone else, I have to start somewhere; this is my beginning.

I understand that not having any previous work experience could appear to be a potential roadblock in my personal history, but my absence of work experience is not due to a lack of willingness. Having grown up and lived most of my life in the island nation of Sri Lanka, life for me was not similar to that of a typical American teenager; I did not have the same opportunities that most people in the US did in terms of work. To compensate for this however, I had an equally valuable and unique set of opportunities that - I believe - I have made the most of in my life.

Regardless of my physical location, I have always made it my goal to make the most of what I am presented with. Throughout my life, my motivation and drive have remained the same; to do my absolute best, and to pursue my passion. I have always strived to make the most of my opportunities, and I always put the maximum possible amount of effort into any task I attempt to accomplish, regardless of my enjoyment of it. I am a committed, passionate and dedicated human being, and I hope I am the right fit for your team.

Skills

- Significant previous research experience
- Excellent writing skills
- Good presentation skills
- Intermediate knowledge of both imperative and object-oriented programming, in languages including but not limited to Python, Java and C++
- Extensive experience and exposure to UNIX and Linux operating systems
- Globally minded, with the ability to relate to a wide variety of cultures and ethnicities
- Good ability to coordinate with and lead a team

Education

UNIVERSITY OF WASHINGTON; SEATTLE WA – 2013-PRESENT

As freshman planning on majoring in Computer Science and Aeronautical & Astronautical Engineering, I am currently taking the Calculus Series (sans Precalculus), the Introductory Programming Series and Physics with Calculus. I have completed the first class from the General Chemistry series, and a introductory class to Microeconomics.

THE BRITISH SCHOOL IN COLOMBO; COLOMBO, SRI LANKA – 2009-2013

Completing my high school career at the British School in Colombo, I pursued and received 10 IGCSE's (International General Certificate of Secondary Education) in the sciences, computer studies, select social sciences and advanced mathematics.

I also pursued and completed the International Baccalaureate (IB) Diploma Program, which is an internationally-minded, rigorous and academically challenging program of secondary education. For the diploma, I studied Chemistry, Physics and Mathematics at the higher (advanced) level, while doing English, Spanish and Geography at the standard level. Additionally, we were also required to complete a personal research project and a philosophy (focussing on epistemology) class, titled *The Theory of Knowledge* (see <http://www.ibo.org/diploma/>).

Significant Activities and Achievements

PRESIDENT; BRITISH SCHOOL 'SIXTH FORM' COMMITTEE – 2012-2013

Having started off as a member of my High School's student government the previous year, I discovered that I had both the passion and the drive to lead my school's student government. I honed my existing leadership skills through this, while complimenting them with multiple new skills.

CO-EDITOR OF HIGH SCHOOL YEARBOOK – 2011-2012

As the co editor of the single largest publication of my school, this was an experience that tested my leadership and coordination skills. Additionally, as this was my first real leadership opportunity, this is a pivotal point in my personal history.

RECIPIENT OF TWO 'HIGHEST ACHIEVEMENT' AWARDS IN PHYSICS AND MATHEMATICS FOR THE BSC CLASS OF 2013 – 2013

These awards are presented to a member of the graduating class, as recognition of outstanding performance in physics and mathematics throughout their senior year.

RECIPIENT OF DEPUTY PRINCIPAL'S COMMENDATION AWARD – 2013

This award is presented to students who have displayed outstanding dedication and have significantly contributed to the school community and/or participated in extra and co-curricular activities throughout the year.

Interests

- Computing
- Physics
- Space and space travel
- Mobile technology
- The technology marketplace
- Computational neuroscience
- The future

Previous Research

- International Baccalaureate Extended Essay (Physics) - <http://goo.gl/dvvuki>
- An Analysis of Coastal Management in Sri Lanka (Geography) - <http://goo.gl/rKP12A>
- Analyzing the Polynomial *Shadow Function* (Mathematics) - <http://goo.gl/CS5BFZ>
- An analysis of the role of disagreement in the pursuit of knowledge in the natural and human science (Epistemology) - <http://goo.gl/CEku0N>