

# Rukmal Weerawarana

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rukmal.me

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## Work

### **Michael G. Foster School of Business (UW)** ***Undergraduate Research Assistant (Volunteer)***

*November 2014 - Present (Seattle, WA)*

- Currently developing web scrapers to continually scrape data from empowerment platforms (<http://github.com/AGISR>)
- Built a complete Python API for Change.org and used the Flask web framework for data retrieval

### **WSO2, Inc**

#### ***Software Engineering Intern***

*June 2014 - September 2014 (Colombo, Sri Lanka)*

- Member of Apache Stratos (<http://stratos.apache.org>) team that originally developed the Platform as a Service framework
- Investigated CoreOS+Docker integration and developed a new UI for the Stratos Manager Console using JaggeryJS

### **Mullins Molecular Retrovirology Lab (UW)** ***Undergraduate Research Assistant (Volunteer)***

*April 2014 - August 2014 (Seattle, WA)*

- Developed highly efficient applications in Python and Perl to process large amounts of HIV genome sequencing data
- Contributed to the discovery of mutation patterns in the HIV genome, which helps the lab develop targeted medications

## Education

### **University of Washington**

#### ***Computer Science and Business Administration***

*September 2013 - Present (Seattle, WA)*

- Intended double major in Computer Science and Engineering (BS) and Business Administration with a focus in Accounting and Finance (BA)
- Completed classes from the introductory Biology, Physics and Chemistry series, as well as Sophomore-level classes in Statistics, Economics, Accounting and Computer Science. I have also finished the calculus series, and I am currently completing the Sophomore-level math track
- Expected graduation in June 2017

### **The British School in Colombo**

#### ***International Baccalaureate Diploma***

*August 2009 - July 2013 (Colombo, Sri Lanka)*

- Completed IGCSEs in Advanced Math, the Natural Sciences, CS, Business Studies, English and Sinhalese (2011)
- Successfully completed the IB Extended Essay in Physics, focusing on the effect of EM radiation on the Human brain
- Awarded with the IB Diploma in 2013 with Higher Levels in Math, Chemistry and Physics and Standard Levels in English, Introductory Spanish and Geography