

EDUCATION

University of Washington (UW) Michael G. Foster School of Business	Seattle, WA
<ul style="list-style-type: none"> BABA Finance & Business Economics Minor in Applied Mathematics, with a Quantitative Fundamentals of Computational Finance Certificate through the CFRM program Junior class standing 	June 2017
The British School in Colombo (BSC)	Colombo, Sri Lanka (LK)
<ul style="list-style-type: none"> International Baccalaureate Diploma (IB DP), with a focus in Mathematics, Physics and Chemistry 	June 2013

SKILLS

- Leadership
- Strong analytical skills
- Computer programming knowledge
- Extremely proficient with MS Office and Adobe CS
- Extensive prior research experience
- Goal-oriented time management

WORK

Software Engineering Intern	ZocialGPA, Inc.	Seattle, WA	02/2015 – 01/2016
<ul style="list-style-type: none"> Worked closely with a small team to design and implement all parts of the ZocialGPA web application Created a dedicated API for select application modules for easier future expansion to mobile platforms Performed cost analyses of infrastructure costs across IAS providers to determine the most cost-effective deployment schema for the system Designed highly-efficient algorithms for calculating ZocialGPA scores using data from large, non relational (i.e. NoSQL) databases 			
Software Engineering Intern	WSO2, Inc.	Colombo, LK	06/2014 – 09/2014
<ul style="list-style-type: none"> Served as a member of the Apache Stratos team that originally developed the Platform as a Service (PaaS) framework, prior to its donation to the Apache Software Foundation Investigated the viability of alternative hypervisors as replacements for the default Stratos virtualization engine Developed a new user interface for the Stratos Management Console using the JaggeryJS MVC framework, which was eventually shipped with the subsequent major release of the platform 			
Undergraduate Research Assistant	UW Mullins Laboratory	Seattle, WA	04/2014 – 08/2014
<ul style="list-style-type: none"> Acted as the sole student-volunteer scientific programmer to assist the lead Scientific Programmer Developed applications to determine mutation patterns in the DNA sequences of HIV patients, to assist with targeted drug therapy 			

ADDITIONAL ACTIVITIES

Member	UW Advanced Propulsion Lab	Seattle, WA	03/2014 – Present
<ul style="list-style-type: none"> Proposed a Software Architecture schema for the Lunar CubeSat satellite to be launched into orbit around the moon in 2018 			
Treasurer	UW Sri Lanka Student Association	Seattle, WA	09/2014 – Present
<ul style="list-style-type: none"> Plan the allocation of organization funds across three main events throughout the school year Act as a club liaison to help promote the knowledge of Sri Lankan culture on campus 			
Member	UW Hackers	Seattle, WA	02/2014 – Present
<ul style="list-style-type: none"> Original member of the UW Hackers organization (initially called <i>Sudo Soldiers</i>) Regularly contribute to meetings of UW's largest on-campus <i>Maker</i> community 			
Attendee	Hackathons	Seattle, WA	09/2015 – Present
<ul style="list-style-type: none"> I take pride in competing in multiple Hackathons throughout the year, including Dubhacks and the Facebook Student hackathon. Most of my work is Open Source, see: http://github.com/rukmal 			
Concert Volunteer	Conscious Crew	Seattle, WA	10/2015 – Present
<ul style="list-style-type: none"> I volunteer at large concerts in Washington state, and act as a first responder to incidents occurring during the concert involving suspected drug overdoses and other potentially fatal incidents 			
Community Service Representative	BSC Community Organization	Colombo, LK	08/2011 – 07/2013
<ul style="list-style-type: none"> Participated and assisted with the organization of countless community service projects ranging from assisting at Elderly Homes to conducting fundraising events at BSC to benefit various non-for-profit organizations 			