

Rukmal M. Weerawarana

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EDUCATION

University of Washington (UW) Michael G. Foster School of Business	Seattle, WA
<ul style="list-style-type: none">BABA Finance & Business EconomicsMinor in Applied Mathematics, with a Quantitative Fundamentals of Computational Finance Certificate through the CFRM programJunior 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

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 applicationCreated a dedicated API for select application modules for easier future expansion to mobile platformsPerformed cost analyses of infrastructure costs across IAS providers to determine the most cost-effective deployment schema for the systemDesigned 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 FoundationInvestigated the viability of alternative hypervisors as replacements for the default Stratos virtualization engineDeveloped 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 ProgrammerDeveloped 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 yearAct 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			

SKILLS

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|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <ul style="list-style-type: none">Leadership | <ul style="list-style-type: none">Computer programming knowledge | <ul style="list-style-type: none">Extensive prior research experience |
| <ul style="list-style-type: none">Strong analytical skills | <ul style="list-style-type: none">Extremely proficient with MS Office and Adobe CS | <ul style="list-style-type: none">Goal-oriented time management |