Rukmal M. Weerawarana

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EDUCATION

University of Washington (UW) Michael G. Foster School of Business   Seattle, WA
                                                                                          June 2017
- BABA Finance & Business Economics
- Minor in Applied Mathematics, with a Quantitative Fundamentals of Computational Finance Certificate through the CFRM program
- Senior class standing

The British School in Colombo (BSC)   Colombo, Sri Lanka (LK)
                                                                          June 2013
- International Baccalaureate Diploma (IBDP), with a focus in Mathematics, Physics and Chemistry

WORK

Software Engineering Intern   **ZocialGPA, Inc.**   Seattle, WA   02/2015 – 01/2016
- 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
- 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
- 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

Business Management Team   **UWashington Hyperloop**   Seattle, WA   05/2016 – Present
- Assist the UW Hyperloop team in engineering one of the world's first Hyperloop Pods
- Ensure the UW Hyperloop team has sufficient sponsors and the required funds to build the Hyperloop Pod

Treasurer   **UW Sri Lanka Student Association**   Seattle, WA   09/2014 – Present
- 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
- Original member of the UW Hackers organization (initially called *Sudo Soldiers*)
- Regularly contribute to meetings of UW's largest on-campus *Maker* community

Attendee   **Hackathons**   Seattle, WA   09/2015 – Present
- 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
- 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
- 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

• Extensive computer programming knowledge	• Computational statistical analysis	• Extensive prior research experience
• Strong mathematics background	• Excellent interpersonal skills	• Goal-oriented time management