# EDUCATION

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| ***University of Washington (UW) Michael G. Foster School of Business***   * BABA Finance & Business Economics * Minor in Applied Mathematics, with a Quantitative Fundamentals of Computational Finance Certificate through the CFRM program * Senior class standing | Seattle, WA  June 2017 |
| ***The British School in Colombo (BSC)***   * International Baccalaureate Diploma (IBDP), with a focus in Mathematics, Physics and Chemistry | Colombo, Sri Lanka (LK)  June 2013 |

# WORK

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| ***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

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| ***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

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