LAKMI WEERAPPERUMA

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EDUCATION   Stony Brook University / State University of New York, Korea

Bachelor of Science, in Computer Science, May 2018
Double Major: Applied Mathematics and Statistics

B.S. Degree in Computer Science

Coursework

- Systems Fundamentals
- Discrete Mathematics
- Computer Networks
- Analysis of Algorithms
- Programming Languages
- Theory of Computation
- Database Systems
- Data Structures
- Object Oriented Programming

B.S. Degree in Applied Mathematics and Statistics

Coursework

- Applied Calculus
- Applied Linear Algebra
- Graph theory
- Probability Theory
- Finite Mathematical Structures
- Data Analysis (Graduate & Undergraduate)
- Probability and Statistics

SKILLS

Programming & Database

- JavaScript, Java, Python, C++, C#, R, Assembly, Android Studio, RStudio, Firebase, MySQL, MongoDB

Web, Source Control, & OS

- HTML, CSS, Node JS, SASS, React
- Windows, Linux

Office Programs & Languages

- Excel, Word, PowerPoint
- English & Sinhala – Fluent Korean – Beginner

EXPERIENCE

Frontend Developer Intern | Prendssoin Korea   July 2019 – Present

- Developing web applications using React, Redux, TypeScript and Sass. Currently developing an employee management web app as an internal project of the company.

Ingest Operator | Olympic Broadcasting Services   September 2018 – October 2018

- Ingesting footage recorded for 2018 Youth Olympic Games in Buenos Aires, Argentina to OBS headquarters located in Madrid, Spain through EVS Ingest Funnel software, and composing the Ingest Funnel Workflow Guide.

Advance Research and Development Intern | Genesem Inc. Korea   July 2018 – September 2018

- Studying MMI and machine control codes used to create machines for semiconductor back-end process equipment and writing installation, safety, operations and UI manuals for said equipment.

Archives Assistant | Olympic Broadcasting Services   January 2018 – March 2018

- Managing and performing quality control of footage / metadata generated for the 2018 Olympic Games

Teaching Assistant | State University of New York, Korea   August 2016 – June 2018

- Tutoring students in two theoretical CS courses: Discrete Mathematics and Theory of Computation

AWARDS AND ACHIEVEMENTS

- **SUNY Korea Shared Prosperity Scholarship** – Full Tuition Scholarship 2014 – 2018
- **IEEE Seoul Section Student Paper Contest (2017) 1st Place** - Playful Learning: A Mixed-Reality Game to Teach Computational Thinking in Middle School Students
- **Creative ICT Convergence Forum, POSTECH Future IT Innovation Laboratory (2017) 2nd Place** - Playful Learning: A Mixed-Reality Game to Teach Computational Thinking in Middle School Students.

PROJECTS

- Destino - This web app is designed to assist travelers all over the world in planning and documenting their trips. Destino was created as the final year project for Software Engineering (CSE 308) course.
- Acta – This was an Android application developed as a class project. Acta was designed as a travelling journal app which helps travelers throughout the world. These projects can be found in my GitHub profile.