

Sangwon Kim

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Education

Wesleyan University, Middletown, CT

Expected: May 2020

Bachelor of Arts, GPA: 3.80/4.00, *Dean's List*

Major: Computer Science; Minor: Data Analysis

Relevant Coursework:

Software Engineering, Algorithms and Complexity, Network Analysis, Machine Learning in Data Analysis

Work Experience

Information Technology Services, Helpdesk Consultant, Middletown, CT

August 2015 – Present

- Provided technical service and support to undergraduate students and faculty at Wesleyan University.
- Solved and assisted with numerous critical device issues, ranging from corrupted disks to network connectivity.
- Trained new hires at the Helpdesk by teaching independent problem solving and troubleshooting skills.

Samsung SDS America, Intern, Ridgefield Park, NJ

June 2019 – August 2019

- Worked with internal applications team in implementing and managing application software within SDSA.
- Facilitated integration of internal Samsung robotic process automation technology into daily operations.
- Reached the quarterfinals in the annual SDS algorithm competition and received recognition from the CEO.

Software Experience

Brity Works, Robotics Process Automation Application

June 2019 – August 2019

- Designed a process that automatically extracted, calculated HR training data, and notified respective employee.
- Distributed and assisted in implementation of said process to entire employee base across SDS America.
- Collaborated with SDS Korea in installation of U.S. RPA application into Samsung cloud infrastructure.

Samsung SDS Algorithm Competition, Bot Driving Algorithm

June 2019 – August 2019

- Two-part competition consisting of autonomous and rule-based driving algorithms in vehicle simulator AirSim.
- Designed an algorithm to drive a simulated automobile through racecourses with varying curves and obstacles.
- Trained reinforcement learning models using Python and TensorFlow based on custom reward functions.

FoodStop, Campus-wide Food Delivery System Startup, Middletown, CT

December 2015 – May 2016

- Built a website using Django and Bootstrap to advertise FoodStop's services to the Wesleyan student body.
- Developed strategy and executed service for a late-night food truck, completing 115 orders over 3 weekends.
- Recorded more than 1500 site visits, accomplishing goal of greater exposure and accessibility to customer base.

Leadership Experience

1101 Engineering Corps, Sergeant, Uijeong-bu, Republic of Korea

June 2016 – March 2018

- Supervised military training drills, e.g. installation of mines, explosives, barbed wire fences, and Bailey bridges.
- Actively mentored and trained members during team drills and monthly evaluations as head of 5-man squad.
- Managed a company of over 60 soldiers, guiding and providing career/personal development for junior recruits.

Wesleyan Korean Student Association, President

August 2014 – Present

- Coordinated and led various student-run events aimed at spreading Korean culture to student and faculty.
- Redesigned philosophy to be more inclusive of a population previously divided on issues of cultural identity.

Wesleyan Club Soccer, Co-Captain

August 2014 – Present

- Managed club roster of 27 players, conducted team practices, and handled budget for games and equipment.
- Represented Wesleyan in friendlies and league matches against club teams from nearby Northeastern colleges.

Skills

Computational: Python, R, Robotic Process Automation, SML, Django, Bootstrap

Languages: Korean (Fluent)