Sang Jun Park

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EDUCATION

Columbia University, School of Engineering and Applied Science   New York, NY – Excepted May 2019
- *Bachelor of Science – Computer Science (Concentration: Data Science), Philosophy Minor* | GPA 3.35/4.0
- *Relevant Coursework:* Honors Intro to Computer Science, Data Structures and Algorithms, Discrete Math: Intro to Combinatorics and Graph Theory, and Intro to Python

EXPERIENCE

Oak Ridge National Laboratory, Oak Ridge, TN   June 2016 – September 2016
- *Summer Research Intern* in Dr. Olufemi Omitaomu's lab. Will be researching in the field of machine and cognitive learning.

Codecademy, New York, NY   March 2016 – Present
- *Codecademy Advisor*: Provide guidance and support for online learners. Directly contribute to the careers of people excited about learning to code.

Computer Science Projects at Indiana University-Purdue University, Fort Wayne, IN   2012 - 2015
- *Big SAM: Leveraging Cloud Computing for Spatial Association Mining*: Investigated processing of spatial and temporal incident data in a cloud computing environment (2014)
- *Where and When*: *Hometown Incident Analysis and Situational Awareness*: Analyzed micro-level incidents using spatial association rule mining techniques to discover relationships among local crime incidences and environmental factors (2013)

HONORS/AWARDS

- **Columbia University Egleston Scholar Class of 2019:** Comprehensive four-year program designed to support and enrich the *top one percent* of Columbia Engineering applicants
- **Best Health App in 2016 Columbia Devfest Hackathon,** New York, NY
- **Recipient of 2016 Columbia's Alternative Break Program Grant to launch CodePhil**
- **Recipient of 2016 MIT IDEAS Global Challenge Development Grant:** Largest social entrepreneurship competition at MIT
- **Final top 24 candidate out of 148 applicants for the 2016 Build Peace Fellow program**
- **Semifinalist in 2014 Siemens Competition in Math, Science & Technology**
- **Runner-up in 2015 John F. Kennedy's Profiles in Courage National Essay Contest**

LEADERSHIP

CodePhil, Lavezares, Philippines (*Co-founder*)   January 2016 - Present
- Teach, empower, and connect next generation of students from disadvantaged backgrounds through cross-cultural collaboration and computer based projects
- Launch a pilot e-curriculum bootcamp to teach fundamental basic and logics of computer science

NeeroNet, Delhi, India (*Programmer/Developer*)   January 2016 – Present
- An integrated and intelligent real-time water assessment model with smart analytics using machine learning and IoT to monitor water efficiently
- Conduct initial tests in Delhi, beginning with small-scale tests at residential homes and apartment complexes

ACTIVITIES

Member of Columbia University Clubs   September 2015 - Present
- Application Development Initiative, Scientists and Engineers for a Better Society, and Tennis Club

Op-Ed publication "What a Dual-Credit Curriculum Sacrifices" in the *News-Sentinel*   28 Dec. 2015

Invited to the Clinton Foundation Codeathon at the University of California, Berkeley   31 March 2016

SKILLS

Proficient at Java, Python, JavaScript, HTML/CSS, LaTex