Junghoo Kim

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EDUCATION

Columbia University, School of Engineering and Applied Science, New York, NY   **August 2018 - May 2020**
Bachelor of Science – Computer Science - Intelligent Systems Track
Relevant Coursework: Artificial Intelligent, Advanced Programming, Computer Science Theory, Linear Algebra, Prob & Stat

Sewanee: University of the South, Sewanee, TN   **August 2015 - May 2018**
Bachelor of Science – Computer Science - Dean's List, Order of the Gown, University Academic Honor Society   **GPA: 3.95**
Relevant Coursework: Data Structures, Advanced Algorithms, Computer Organization, Parallel & Distributed Programming, Web Development, Operating Systems, Multimedia Programming, Calculus I-III, Discrete Math, Differential Equation

SKILLS

Front End Development: JavaScript, HTML, CSS, React
Back End Development: JavaScript, Python, NodeJS, MySQL, MongoDB
Other: Git, bash, UNIX, REST, JSON, Unity, Hadoop, AWS, Processing, Android Studio
Language: Korean (fluent), German (conversational)

EXPERIENCE

Seoul National University (Urban Data Science Lab)   Seoul, South Korea
Research Assistant (Machine Learning)   August 2018
- Developed a Deep Learning project which recognizes and classifies videos using Convolutional Neural Networks with fellow students and professor using Python, TensorFlow, PyTorch, numpy, pandas.

Korea Creative Economy Innovation Center (Center for Convergence Security Research)   Gyeonggi, South Korea
Software Engineer Internship (Blockchain)   June 2018 – August 2018
- Developed Ethereum-based decentralized application using Solidity to write smart contract, Web3.js to create an interface to access smart contract, and JavaScript as front-end; Used Docker to build and run on VM
- Obtained entrepreneurship education for tech startup as well as blockchain expert training

Local Locker   Boston, MA
Full Stack Developer   November 2017 – May 2018
- Designed and developed a website for a start-up company together with a team of 2, started from scratch using HTML, CSS, JavaScript, React, Nodejs, AWS, MongoDB, express, Git, passport, etc.

University of the South   Sewanee, TN
Web Development Team Leader (Bonner Leaders)   January 2017 – May 2018
- Selected to lead a website development team to design and develop websites for local community partners using WordPress, JavaScript (React, Angular, Node), Database (MySQL, MongoDB), AWS, etc.

University of the South   Sewanee, TN
Research Assistant   July 2017 – September 2017
- Conducted research on implementing a small-scale MapReduce system on the Raspberry Pi Cluster by analyzing Phoenix++, WebMapReduce, Google's MapReduce model, Hadoop, TensorFlow, etc.

University of the South   Sewanee, TN
Information Technology Service Assistant   August 2015 – May 2018
- Assisted with all technology related problems, fixed school's electronics, organized and managed library databases

ACTIVITIES & LEADERSHIP

Blockchain @ Columbia, *Columbia University*   October 2018 – Present
Programming Contest Leader, *Consortium Computing Sciences in Colleges*
- CCSC: South East, Greenville, SC, *Furman University*   November 3, 2017
- CCSC: Mid-South, Batesville, AR, *Lyon College*   April 1, 2017
- CCSC: South East, Asheville, NC, *University of North Carolina*   November 4, 2016

Hackathon
- *Georgia Tech,* Atlanta, GA   Fall 2017
  - Built a web application using Microsoft Azure Cognitive API, Text-Analytics API, and Bing API
- *Vanderbilt University,* Nashville, TN   Fall 2016
  - Built an Android application using Android studio, Java, and USDA Food API