Ki Beom Kim

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2298 Misty Ivy Ct
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Skills

o Proficient in HTML, CSS, Javascript, Sequelize, Mongoose, Express, React.js, Node.js, jQuery, Bootstrap
o Clean, efficient, and succinct coding style, and desire to improve and learn new styles
o Creative and experimental mindset for designing a novel approach to solve problems
o Proficient in Ruby, R, Java, C, OCaml, Prolog, and Matlab
o Proficient in MS word, Excel, PowerPoint, and Photoshop
o Fluent in English and Korean

Education

Full Stack Web Development Bootcamp   Sep. 2018-Dec. 2018
o Georgia Institute of Technology

B.S. in Bioengineering with minor in Computer Science   Graduation May 2017
o University of Maryland, College Park   GPA: 3.3/4.0
o Undergraduate Research Thesis   Citation May 2016

Experience

Full Stack Web Development Bootcamp   Sep. 2018-Dec. 2018
Student, Georgia Institute of Technology
o Programmed and wrote various projects using web development technologies such as HTML, CSS, Javascript, Sequelize, Mongoose, Express, React, Node.js, jQuery, and Bootstrap

Neuron-Specific Protein Mediated Nanomedicine for Spinal Cord Injury Repair   Aug. 2017-May 2018
Graduate Research Assistant, Clemson University Dept. of Bioengineering
o Developed a novel nanomedicine design for intracellular delivery of therapeutic drug for spinal cord injury
o Designed and performed studies with cells and rat specimen to prove the efficacy of the nanomedicine

Analyzing Transcriptional Factor Functional Binding using Machine Learning   Sep. 2016-May 2017
Research Assistant, University of Maryland Dept. of Computer Science
o Programmed in Ruby to analyze and extract DNA data strings from large dataset textfiles for whole human genome
o Programmed in R with machine learning libraries to identify and predict transcriptional factor functional binding by comparing the data strings with experimental results

Promoting a Novel Approach to Cellular Gene Expression Alteration   Sep. 2013-May 2016
Undergraduate Research Thesis, University of Maryland Gemstone Honors Program
o   Designed a chimeric protein for DNA-based therapeutics based on previous NIH research
o   Designed experiments to test the efficacy of the protein
o   Led a team of students with various academic backgrounds, facilitating communication regarding technical sides of the project
o   Presented project results at Rustbelt RNA Meeting of 2015
o   Successfully defended thesis involving UMD faculty members and professionals

Publication

Kim, K. B., Kim, J. H., Jeong, Y., Jeong, Y. S., and Chung, S. J. (2012). Prediction of Coastal Fecal Indicator Bacteria Concentrations Using Multivariate Data Analysis. *Journal of Environmental Science and Engineering*, 1(4A), 440-447.

Contact

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