Jee Won Kang

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EDUCATION

University of Maryland College Park (Dual Degree)   Cumulative GPA: **3.7**
Anticipated Fall 2018
- B.S. Physiology and Neurobiology
- B.S. in Computer Science

Relevant Courses:
- Object Oriented Programming I & II, Introduction to Computer Systems, Discrete Structures, How Do Innovators Think?

Languages and Technologies

- **Languages**: Java, C
- **Programs**: Eclipse, Android Studio, MATLAB, LaTeX, LabChart

Projects

Projects can be found at my github: github.com/jeekang

Turnt Tower (2016):

- Independently developed an android app to augment the block tower game, Jenga.
- App features an attractive, user-friendly interface.
- Language: *Java, Android*

Java-Based DNA template strand Transcription/Translation (2016):
- Built a program using Java that takes an input nucleotide sequence and returns the complementary strand, mRNA sequence, reading frame (if one exists) and amino acid sequence.

Independent Undergraduate Research Project (2016):
- Part of the Center for Bioinformatics and Computational Biology at the University of Maryland.
- Working with meta-genomic analysis algorithms and finding limitations of existing programs.
- Details to be determined, first meeting with team on September 21st

Achievements

- Received Integrated Life Sciences Honors College Citation (2014)
- Received Presidential Scholarship at the University of Maryland (Fall 2012 – Spring 2016)
- Scored in the 94th percentile in the MCATs (Jan 2015)
- 6 semesters on the Dean's List

Experience

Affective and Translational Neuroscience Laboratory   College Park, MD
Research Assistant   Fall 2013- Spring 2015
- Brainstormed ideas for trial stages such as how to track social habits/movements of subjects.
- Front-end experience: briefed and debriefed study participants.
- Worked with the psychology clinic at University of Maryland using Titanium and Excel to manage patient DSM-5 data.
- Assisted in running clinical trials involving the fMRI at Maryland Neuroimaging Center.