Himanshu Kattelu

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Links:

Linkedin:/in/himanshukattelu
Github: /Hkattelu

Technologies:

Eclipse,3DSMAX,MATLAB, FFMPEG, MS Office, Sublime text 2

Computer Languages:

Java, C/C#, HTML/CSS, Javascript, LaTeX, Python

Spoken Languages:

Hindi(Conversational)
Telugu(Conversational)
Mandarin(Conversational)

Honors:

CEAS Dean's List
Presidential Scholarship
Comp. Sci. Honors Program

Organizations:

Stony Brook Computing Society, PUSO, Stony Brook Game Developers

Interests:

Game development, Video processing, 3D animation.

Education

State University of New York at Stony Brook, Stony Brook, NY

B.S in Computer Science expected May 2018,
B.S in Applied Mathematics and Statistics expected May 2018,
GPA: 3.88/4.0
Relevant Coursework: Object-Oriented Programming , Linear Algebra, Survey of Probability and Statistics, Finite Mathematical Structures, Foundations of Computer Science,

Stuyvesant High School, New York, NY   Aug 2010 – June 2014

Projects

SpaceshipVR   HackBU 2015   *March 2015*

- Worked in a team of 3 to make a 3D game utilizing motion and gesture sensing using the Myo armband and Oculus Rift. (Created environment in 3DSMAX, programmed in Unity,C#)

Personal Website   *June 2015*

- Created a website to put personal projects on. Incorporated Bootstrap, JQuery, HTML/CSS.

Work Experience

Research Assistant Stony Brook University *May 2015 - Present*

- Gained extensive experience using MATLAB for image and video processing to make an engine to search inside a video.
- Wrote many functions particularly involving HOG/SIFT comparisons, Dynamic time warping, and frame mapping. (Also used FFMPEG, vl_feat,voc-release5).

Support Service Volunteer Elmhurst Hospital *Aug – Dec 2013*

- Volunteered at a hospital, where I worked at the information desk, talked to patients, and did small tasks such as moving specimens.
- Assisted visitors in visiting patients, navigating the hospital, and retrieving data about patients.

Teaching Assistant Ace Academy   *July – Sept 2013*

- Guided math and english lessons, graded exams, and assisted in organizing field trips for a 4th grade class at a summer school.
- Took the students to lunch every day and communicated with them.