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, Circus & Flow Arts, Ballroom & Modern Dance, Electronic music.

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*

Project Experience

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 the environment in 3DSMAX and programmed parts of the game in Unity (C#).

VidInspect Stony Brook University   *May – August 2015*

- A compilation of image and video processing functions that I wrote in MATLAB as a Research assistant.
- Ran functions and recorded data on several videos to improve runtime and accuracy.

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.