

Sagar Punhani

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Education

University of Southern California

Viterbi School of Engineering
Bachelor of Science, Computer Engineering and Computer Science
Courses: Introduction to Programming and Introduction to Embedded Systems.
3.71 GPA

Los Angeles, CA
May 2018

Illinois Mathematics and Science Academy

Illinois State Scholar
AP Scholar with Distinction

Aurora, IL
May 2014

Additional Skills

Programming Languages: Introductory C++, Python, Swift, C#, HTML/CSS, and JS/jQuery

Languages: Conversational Hindi

Subject Material: Proficient in Multivariable Calculus and Introductory Differential Equations

Miscellaneous: Tableau Software, MATLAB, Bootstrap

Projects

Developed an iOS app called Spontaneity that creates spontaneous events with your friends. November 2014

In the process of programing an automated underwater vehicle by using Java. 2014-2015 School Year

(<https://github.com/saraswatayu/Spontaneity>)

Created a personal website in HTML/CSS/JS to display my current skills and expertise. December 2014

(sagar7p.github.io)

Created a Kinect multiplayer augmented reality fighting game using C# and Microsoft Visual Studio.

(<https://github.com/MakePLAN/CastQ>)

Work and Research Experience

CityScan

Position: Developer

Chicago, IL
Summer of 2014

Worked in the research division and built a database to find hundreds of new customers using Tableau.

Learned and used python to crawl the internet for potential mayors and city managers that fit the criteria.

Rehabilitation Institute of Chicago

Position: Research Assistant

Chicago, IL
2013-2014 School Year

Completed biomedical research related to ocular vestibular myogenic potentials on chronic stroke subjects by looking for asymmetries in potentials in the subjects. Analyzed results with MATLAB.

Argonne National Laboratory

Position: Research Assistant

Argonne, IL
2012-2013 School Year

Developed and updated a website concerning various labs' research on different kinds of neutrinos.

(<http://www.hep.anl.gov/ndk/hypertext/>)

Extracurriculars

University of Southern California

General Board Member, Association of Computing Machinery

2014-2015 School Year

Member, Solar Car Racing Team – Electrical

2014-2015 School Year

Member, Automated Underwater Vehicle Team – Software

2014-2015 School Year

