Resume

Ashwin Kumar Aggarwal
aaggarw99@gmail.com
(312) 720-0299
1225 W Henderson St
Chicago, IL

Education

- Educated at The University of Chicago Laboratory Schools
- Expected to graduate high school in 2018

Work Experience

VisMed3D – 3D Biodesign and Printing
- Lead Website Designer and Fabricator – the www.vismed3d.com was made using Wordpress, custom CSS, and intricate plugins.
- Had a large role in producing and designing 3D medical prototypes using CAD software.
- Worked with experienced Industrial Designers through the process of developing 3D prosthetics.
- Managed the entre company's FTP (File Transfer Protocol) systems

Experience with Technology

- Detailed and elaborate experience with circuitry and soldering
    - Familiar with arduinos and electrical work
- Extensive understanding and knowledge with Java, JavaScript, HTML, CSS, and Swift
- Numerous Java applications uploaded to my github account.
    - A graphical application that represents the relationship between Capita per year in southern Chicago neighborhoods
    - A fully working application named "songBit" which utilized a recommendation algorithm to recommend songs you may like based on prior listening history. The algorithm compares song notes, melodies, and genres to provide very accurate recommendations. This application was a collaborative project that was shared equally amongst two other members
- Have worked on and designed some websites like www.vismed3d.com and www.thuroshield.com using WordPress, HTML, and CSS
- Completely coded and designed an app for the App Store called "Kitchen Toolkit". The link can be found here.

- This app was made to make the cooking experience easier by incorporating a timer, recipe sheet, and units converter.

Clubs

- 3 years of varsity Science Team
    - 2015 Illinois Science Olympiad State Qualifier
    - 2016 Illinois Science Olympiad State Qualifier
    - 2016 8-Person TEAMS (Tests of Engineering Aptitude, Mathematics, and Science) team ranked 5th in the nation
- 3 years of varsity Math Team
    - 2015 Division 2A State Qualifier
    - 2016 Division 3AA State Qualifier
- 1 year of Junior Varsity Scholastic Bowl

Sports

- 3 years of Varsity High School Indoor Track
- 3 years of Varsity High School Outdoor Track
    - 2016 State Qualifier for the 4x800m race

Languages

- English
- Spanish
    - 3 years of high school classes