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| Pramit Govindaraj  1413 Grady Randall Ct., Mclean, VA 22101  Tel: 703-532-1967 (H); 571-888-9256 (M)  [pramit.govindaraj@gmail.com](mailto:pramit.govindaraj@gmail.com) |
| Self-motivated, hard-working, intellectually curious high school student with strong interpersonal and team skills. Caring personality with a desire to help needy individuals and communities. |

# Education

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| MCLEAN HIGH SCHOOL 99th Percentile in SAT, 99th Percentile in PSAT, and 96th Percentile in PSAT 8/9  Enrolled in 4 AP courses in 11th grade  Enrolled in all core honors classes  Pass Advanced in all SOLs, with perfect scores in several |
| LONGFELLOW MIDDLE School Enrolled in all available honors classes  Pass Advanced in all SOLs, with perfect scores in several  96th Percentile in the IOWA Test that is required for enrollment in the “Gifted and Talented” Math program |

# Skills

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| * Ability to design interactive and intuitive user interfaces for intuitive functionality * Ability do develop web apps and use technologies such as electron to package them for cross platform use | * Ability to use MS Office, Adobe Creative Cloud products, common business software like Adobe Acrobat, and Digital Audio Workstations, such as Reaper and FL Studio * Bilingual in English and Hindi. Fluency in spoken and written Hindi certified by FCPS. Intermediate level French certification |

# Activities

**Foreign Language Curriculum Development and Teaching**

* Conceptualized and developed an online Hindi course geared towards second-generation Indian and non-Indian students
* Used interactive techniques and software to engage and teach the course to the pilot cohort of 10 students
* Intend to patent the teaching materials and package them into a course that can be distributed worldwide using online learning platforms such as Udemy

**Computer Programming**

*Java Development*

* Developed a Swing GUI program that uses native Java API’s to retrieve system information, such as processes lists, service lists, Battery info, Display info, sensor info, Windows status, Processor info, and Disk info
* Developed a Swing GUI program using YouTube’s APIs to develop a downloader that can queue and download multiple files. This program also informs users about download status and speed
* Developed a Swing GUI program that uses the Sphinx4 library to implement a voice recognition interface. I improved the native dictionary and grammar files to make it more accurate
* Developed a CLI program that uses Google Tesseract’s OCR Engine to parse an expression from a photo. The program then solves the expression. The program is currently, able to solve basic arithmetic, as well as logs, and exponents
* Developed a basic music player using Swing that gives the user the ability to play, pause, and scrub through music, as well as choose any song from a directory
* Developed a brightness changer that calls PowerShell commands from the java program.
* Developed Swing GUI program to convert files to PDF, DOCX, and TXT. This program uses PDFBox, iTextPDF, and POI libraries to convert between file types
* Developed a hangman game in Swing that uses the Graphics2D package to draw the hangman
* Developed a color aimbot that scans the RGB values of every pixel on the screen. The method returns the coordinates of the pixel matching the provided color, which are then used by the robot class to move the mouse to the desired coordinates
* Developed a program that calculates the weight of an object on different planets, given its mass
* Developed a program that calculates the wavelength, frequency, and energy of a wave
* Developed a custom look and feel for swing GUI’s
* Developed an FPS Game with a custom engine

*Web Development*

* Awarded certificate for web development by Thomas Jefferson High School
* Developed a Snake game
* Developed a Personal website, and used Electron to package it as a cross-platform app

*C++ Development*

* Developed a multi-hack for a first-person shooter called CSGO, with a memory aimbot, anti-flash hack, bunny hop scripts, and a wall hack
* Developed a DLL Injector to inject the dll for the multi-hack. It uses the native WINAPI function LoadLibraryA to inject the dll into the game

**Music**

* Have played Clarinet in the school band for 5 years. Participated in band related activities such as Area Band, Vienna Band Camp, Musicale Festival in Williamsburg, VA
  + Section Leader in Symphonic Band in Vienna band camp
  + Symphonic Band in Longfellow middle school
  + Wind Ensemble in McLean High School

**Model UN**

* Represented Longfellow Middle and McLean High School in Model UN

**Other**

* Participated in Chess Club for two years, where I studied under a grandmaster
* Enrolled in US Naval Sea Cadet Corps from 2014-2015
* Active volunteer at the Chesterbrook Assisted Living facility since Grade 7