

JASH VAIDYA

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EDUCATION

B.S. Computer Science, Radford University, Radford, Virginia May 2019

- Concentration: **Software Engineering**, GPA: **3.7**

A.S. Computer Science, Virginia Western Community College, Roanoke, Virginia May 2018

SKILLS

Programming	Applications	Operating Systems
Java, C++, HTML5, CSS3, Bulma, jQuery, JavaScript, Git, MATLAB, Bootstrap	Eclipse, MS Office, Sublime Text 3, GitHub, AutoDesk Inventor, IntelliJ IDEA	Windows, Linux, & Mac OS

PROJECTS

Super Contra Bros (libGDX) Dec 2017

- Created a NES style game that combines the world of Contra and Super Mario Bros into one game
- Using the libGDX library, game states, custom tiled maps, and assets

RGB Color Guessing Game August 2017

- Developed a RGB color guessing game site with HTML, CSS, & Javascript, in which the player is given an RGB value and must guess correctly out of the given choices

Personal Site July 2017

- Created a personal site with HTML, CSS, Bulma, & Javascript
- Bulma to make the page mobile-friendly and Javascript to control display of content and visuals

Reddit Bot Aug 2016

- Created a bot with Python that communicates with JSON that retrieves a randomly generated Chuck Norris joke and use Reddit's API (PRAW) to reply to any comment that calls the bot

MATLAB Photoshop Application July 2016

- Built a Photoshop application in MATLAB that can manipulate an image given by the user
- Properties include Darken, Brighten, Reduce Bits, Increase/Decrease Contrast, Sharpen, Soften, Crop, Invert Colors (negative), and Chroma Key

MATLAB Sound Application June 2016

- A song is played by creating different frequencies and storing them as notes, creating measures and lines by organizing the notes, and creating the 'song' by organizing the measures and lines to be played
- Different tempos can be achieved and multiple notes can be played at the same time

WORK EXPERIENCE

PK JEWELERS, Roanoke, Virginia Aug 2007 - Present

Sales Manager

- Created and implemented employee product/sales training and security procedures
- Managed a small team performing various sales, customer service, inventory control, accounting, repair, and quality control

Academic Link Tutoring Services (VWCC), Roanoke, Virginia Aug 2016 – May 2017

Programming Tutor and Lab Moderator

- Tutored community college students in programming and test preparation
- Effectively coached students with an average score increase of 80 points or equivalent
- Assisted students with various software from MS Office, photoshop, LabVIEW, MatLab, Inventor, etc. and moderated the computer lab

EXTRACURRICULAR

- Colt Steele's Bootcamp – Curriculum: HTML, CSS, & Javascript 2017