

# JASH VAIDYA

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## EDUCATION

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

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

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

## SKILLS

### Programming

Java, C++, HTML5, CSS3, Bulma, JavaScript, Git, SQL, Bootstrap, Bash

### Applications

IntelliJ IDEA, MS Office, Sublime Text 3, AutoDesk Inventor, Eclipse

### Operating Systems

Windows, Linux, & Mac OS

### Relevant Coursework:

Software Testing, Software Engineering, Web Programming, Procedural Analysis and Design, Database

## PROJECTS

**Super Contra Bros (libGDX)** Dec 2017

- Coded a NES style game in Java that combines the world of Contra and Super Mario Bros into one game
- Using the libGDX library, game states, custom made tiled map, music, and assets manager

**RGB Color Guessing Game** Aug 2017

- Programmed 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

- Coded a personal site with HTML, CSS, Javascript, Bulma, and SSL Encrypted
- Bulma is used to make the page mobile-friendly and Javascript for the navigation bar and scrolling

**Reddit Bot** Aug 2016

- Programmed a bot with Python that receives a random Chuck Norris joke in JSON format, then uses Reddit's API (PRAW) to reply to any comment that calls the bot

**MATLAB Image Editing 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

**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

**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