

# JASH VAIDYA

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## EDUCATION

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

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

## PROJECTS

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**RGB Color Game** August 2017

- Developed a RGB color guessing game site with HTML, CSS, & Javascript
- 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, & Javascript
- Showcases information about me, contact info, projects, and resume

**Locked (Game made in Unity)** Aug 2016

- Designed a text based video game where the player (prisoner) makes certain choices to escape the prison
- By creating 'Game States', less code is needed and works more efficiently to switch between scenes

**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

## SKILLS

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### Programming

Java, C++, HTML5, CSS3,  
JavaScript, Git, Bash, MATLAB

### Applications

Eclipse, MS Office, Brackets,  
GitHub, Inventor, Visual Studio

### Operating Systems

Windows, Linux, & Mac OS

## WORK EXPERIENCE

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

### Programming Tutor and Lab Moderator

- Tutored Virginia Western 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

## EXTRACURRICULAR

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- Colt Steele's Bootcamp – Web Development 2017
- Computer Club – Hidden Valley High 2013 - 2014