

YASH TULSIANI

CONTACT

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SKILLS

Languages: Python, Ruby, JavaScript, Java, C, Assembly, Shell, SQL

Technologies: Heroku, Concourse CI, Openstack, Cloud Foundry, AWS, Android Studio, Chef, Unity, Bosh

Frameworks and Libraries: NodeJS, Ruby on Rails, Angular, JavaFX, OpenCV, Bootstrap

ACTIVITIES

GreyHat Infosec

Learned fundamentals of developing secure software. Used tools like Metasploit and Wireshark to learn how penetration testing is done in the field.

Vibha · President

Helped start a Georgia Tech chapter for an organization raising funding and awareness for education for children in developing countries. Led club of 15 volunteers to host multiple successful awareness events and campaigns that raised thousands of dollars for the organization.

Tech The Halls ·

Marketing Chair and Board Member

Worked in executive board for an organization promoting inner-city education through connections. Responsible for finding innovative ways to increase mentor, student, and corporate sponsor awareness.

Atlanta Humane Society

Volunteered at a humane society in dog rehabilitation and adoption center. Took photos of the adoptions animals and managed their website with new animals.

EDUCATION

Georgia Institute of Technology (Georgia Tech)

B.S. Computer Science 2019

Dean's List

Concentration in Information Internetworks and Media

Schaumburg High School

2015

ACT Superscore: 35, GPA: 3.85, Honors GPA: 4.6

Dual Enrollment: University of Illinois Urbana-Champaign for Multivariable Calculus

EMPLOYMENT

Ultimate Software

Software Engineering Intern

Weston, FL
May 2017 to Aug 2017

- Worked a devops role for Platform as a Service team supporting Pivotal Cloud Foundry
- Developed pipelines for continuous integration and automation
- Moved Chef deployments to Bosh with Ruby and Python
- Managed virtual machines with Openstack

The Home Depot

Software Engineering Intern

Atlanta, GA
May 2016 to Aug 2016

- Developed Proof of Concept allowing for the development of an integrated backend over multiple store fronts with Javascript and Angular
- Helped decrease content deployment time from days to hours

PhD Founders

Founder

Schaumburg, IL
Sep 2014 to Current

- Started a tutoring company to provide low cost tutoring to over 30 students ranging from first grade to college
- Managed 3 employees and developed a sustainable business plan
- Designed phdfounders.com

Georgia Institute of Technology

Visual Content Creator

Atlanta, GA
Apr 2016 to Current

- Create content for Georgia Tech including photos, videos, and graphics using Adobe software
- Manage Georgia Tech's social media including Facebook, Instagram, Twitter, and Snapchat

PROJECTS

Audio AD

Developed Unity application as a proof of concept for an audio centric software and hardware suite to help filmmakers focus on their work without having to micromanage their crew. Details on the project, including demo videos are available at github.com/ytulsiani/Audio-AD.

BuzzHop

Developed Game Boy Advance game in C. The game is similar to the classic game Frogger in the sense you must avoid enemies and reach to the other side before losing a certain number of lives. The code for this game is available at github.com/ytulsiani/Buzz-Hop.

PoBot

Developed a Facebook Messenger bot that allows a user to discover new poetry. Used NodeJS and Python to build this and hosted it on Heroku. You can message the bot at m.me/poetryfinder and the code is available at github.com/ytulsiani/Poem-Dispenser.

MauledBy

Developed website to raise money for the ACLU that generates gifs with an image uploaded by the user. Software used to build this includes NodeJS, Python, and OpenCV. Website is live at mauledbytrump.com and the code is available at github.com/ytulsiani/Trump-WWE.

iTrans Vertically Integrated Project

Developed admin reporting tools with data extracted and analyzed from MySQL databases to quantify bus bunching and headway issues in Georgia Tech's transportation system.

Tech The Halls Website

Developed website for a non-profit organization using Bootstrap and several JavaScript libraries and frameworks like jQuery. Website is live at techthehalls.gtorg.gatech.edu.