

Travis Young

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Projects: github.com/tjyoung99 || https://repl.it/@TravisYoung1

Education

Tennessee State University, Nashville, TN

Expected Grad. Date: May. 2022

Masters in Computer Science, Data Science concentration,

Bachelors in Computer Science,

GPA 3.7/4.0

Relevant Coursework: Grad. Algorithms, Grad. Intro to Data Science, Intro To Theory Of Computing, Senior Project I, Programming Languages, Python Programming, Data Communication and Networks, Software Engineering, Operating Systems, Data Structures, Computer Organization, Discrete Math, Computer Programming I and II

Languages: Java, Python, HTML, CSS, Javascript, PHP

Software: Docker, GCP, Github, Repl.it, Google Cloudshell, IntelliJ, Eclipse, Atom, Processing.py, Jupyter Notebook

Extracurriculars: Association for Computing Machinery (ACM), TSU wind Ensemble, TSU Marching band,

Work Experience

Google Student Training in Engineering Program (Virtual Internship), NYC, NY.

May - Aug. 2020

(Geo Batch Data Access Team)

- Co-created a **web application**, Voter Central, for centralizing data on political candidates and elections in the United States, making election information more accessible for everyone. Potential scale:150 million people.
- Voter central populates a database with the current elections happening in the United States, takes user input of an address to display a directory of candidates for each election affiliated to the address, and generates an individual page for each candidate with news articles, tweets, and general information about themselves.
- Created a **portfolio website** for myself which features a functional forum, database, and user authentication.
- **Utilized:** Google Cloud Service APIs such as datastore and user services, Design documents, Civic information API, Google App engine, Github for collaboration and code review, Test Driven Development, html, JavaScript, Angular, Bootstrap, and Java for various functions within both web applications.

Google Engineering Practicum (Internship), MTV, CA.

May - Aug. 2019

(Google Assistant Third Party Platform Team)

- Revamped 2 DialogFlow **user data management systems** making them compatible with the newer Google's Admin Tool X (Tech Support Console).
- **Utilized:** Google's java asynchronous framework, Java UI widgets, Google's internal code review and version control systems, Test Driven Development
- Designed a program that projects Google's Diversity in 30 years and returns hiring ratios to better diversify the company. Presented this program to **Head of Equity Engineering at Google, Demma Rodriguez**.

Projects

Undergraduate Courses

Aug. 2018 - Apr. 2020

- Co-developed a Traffic Object detection model for autonomous driving.
 - Utilized: **Python, keras, tensorflow, google colab, and pycharm**
- Developed an image classification inference machine
 - Utilized: **Python, Pytorch, Torchvision, and Google colab**
- Co-developed a hotel reservation **web application** featuring a database and user authentication.
 - Utilized: **Github for collaboration and code review, PHP, Html, and Atom.**
- Designed bank, employee, and address book management systems using **Java on Repl.it**

Computer Science Summer Institute HBCU (Google program) – Fisk University

July 2018

- Co-developed a hangman and a paddle-ball emulator using **Python on Processing.py**

Volunteering

- Co-founded an outreach program for minorities in tech led by Google interns (8hrs) 8-5-19
- Facilitated resume building and networking workshop for minorities in tech, (**Codenext**) (2hrs) 8-1-19
- Assisted in resume and interview workshop for minorities from East Oakland (**Google Event**) (3hrs) 6-25-19