PETER LOU

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EDUCATION

Georgia State University　　　　　　　　　　　　　　　　　　　　　*2017-2020*
Bachelor of Computer Science
Overall GPA: (3.7/4.0)

Georgia Institute of Technology　　　　　　　　　　　　　　　　　　*2020-2023*
Bachelor of Computational Media
Transferred from Georgia State University
Relevant Coursework : Assembly coding, Object Oriented Programming, Discrete Math, Intro to Media, Intro to Visual Design
Overall GPA: (3.6/4.0)

EXPERIENCE

Associate Engineer　　　　　　　　　　　　　　　　　　　　June 2021-Current
NFHS Network　　　　　　　　　　　　　　　　　　　　　　　*Atlanta, Georgia*

- Trouble shooting scoreboard issues by accessing CPU remotely and check for ports connection.
- Maintaining a smooth broadcast connection.
- Provide customer assistance for other production issues.

Web Developer　　　　　　　　　　　　　　　　　　　　July 2019-August 2019
Yetop Energy　　　　　　　　　　　　　　　　　　　　　　*ChengDu, SiChuan*

- Designed websites, portals and large scale web applications for Yettop's website.
- Determined project technical needs and coordinated specifications and requirements.
- Determine the best Enterprise Resource Planning (ERP) software and explain the instructions and functionality to the company.
- Maintained strong education in latest technologies, software such as ERP softwares and hardware products for use in various projects.

PROJECTS

EasyX　　　　　　　　　　　　　　　　　　　　　　　　　　Spring 2019
HackGSU 2019　　　　　　　　　　　　　　　　　　　*Georgia State University*

Project purpose: Develop a web service that will take the current location of the browser or if not available take an input of a location by the user. Then it will display your current location with a black marker while the other nearby famer's market locations marked with the iconic Google Map's pin markers.On the market page, after entering a valid US zip code a list of local farmer's markets are generated. Farmer's markets are usually cheaper than the grocery store, and provide fresh and nutritious food for any family at the fraction of the cost. The idea that inspired this project is the challenge food desert. The idea is to try to show local food places in a certain radius around your current location. GitHub: https://github.com/PeterLou645/EasyX

My Tasks:

- Code and design the website and functions using HTML and JavaScript. Creating a interface for the users convenience
- Used the API key for Google maps and farmer's markets and implemented them to location food places in a certain radius around your current location.

ATL Weather Bot　　　　　　　　　　　　　　　　　　　　　　Spring 2020
Personal Project　　　　　　　　　　　　　　*Georgia Institute of Technology*

Project purpose: Develope a twitter bot that can tweet daily weather of Atlanta. We used a free, trustworthy online API key for the access of weather data. Then we used JSON to retrieve the data from an object provided by the API. Within every tweet, there is a Atl and AtlWeather in order to engage those who live in Atlanta to increase visibility of our TweetBot.

TECHNICAL STRENGTHS

Creating a prototype	Invision
Visual and graphics Design	Paint 3D, Adobe Photoshop, Canva, Figma
Machine Learning	Python with Numpy and Pandas
Website (coded)	HTML5 and CSS
Programming	Java, Python, HTML and CSS
Wireframe	Microsoft Powerpoint, Microsoft Office

VOLUNTEERING ACTIVITIES

HackGSU 2019   April 2019
staff

· Aside from competing, I was responsible for setting up the desktops and projector for event introduction. I also provided guidance to attendance questions such as direction and event starting time.

AWARDS AND RECOGNITIONS

HackGSU 2019   Our project (EasyX) was in top 10
Dean's List   Maintaining a 3.6 or higher 2018 - 2021