PETER LOU

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EDUCATION

Georgia Institute of Technology   *2020-2023*
Bachelor of Science in Computational Media (Interaction Design and Media)
Relevant Coursework : Data Structures, Object and Design, Discrete Math, Intro to Media, Intro to Visual Design
Overall GPA: (3.6/4.0) Dean's List Maintaining a 3.6 or higher 2020-2021

EXPERIENCE

Software Engineer Intern   May 2022 - July 2022
The Home Depot   *Atlanta, Georgia*

· Creating a Zebra Printer Interface to print labels in specific quantity, width and label layout. Using Java and JavaFx.
· Designed interface GUI for a more boost modernism and incorporating new features.
· Managing multiple development milestones from start to final delivery.

IT and Broadcast Command Center Engineer Intern   Jan 2022-April 2022
Warner Media   *Atlanta, Georgia*

· Provide IT support through out the company.
· Managing CNN broadcasting channels and production quality assurance.

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 Intern   July 2019-December 2019
Yetop Energy   *ChengDu, SiChuan*

· Designed websites, portals and large scale web applications for Yettop's website.
· 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

Personal Website (Link: https://peterlou23.github.io/MyWeb/)   Summer 2021
Personal Project   *Georgia Institute of Technology*

· Developed and designed my first website using Html and JS
· Created a easy to navigate interface to present my experience, projects and personal info

EasyX (GitHub: https://github.com/PeterLou645/EasyX)   Spring 2019
HackGSU 2019   *Georgia State University*

· Develop 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
School Project   *Georgia Institute of Technology*

· Develop a twitter bot that can tweet daily weather of Atlanta using a free, trustworthy online API key for the access of weather data.
· Used JSON to retrieve the data from an object provided by the API.

TECHNICAL STRENGTHS

Creating a prototype	In-vision
Visual and graphics Design	Paint 3D, Adobe Photo-shop, Canvas, Figma, Maya, Unity
Machine Learning	Python with Numpy and Pandas
Website (coded)	HTML5 and CSS
Programming	Java, Python, HTML and CSS
Wire frame	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.