Sayf Ahmed

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SKILLS

Programming Languages: Python, JavaScript, C++, C, Java, SQL, Go, Shell, HTML5, CSS
Frameworks: Django, Flask, pandas, scikit-learn, React Native, Bootstrap, Jekyll, Wagtail
Applications/Services: RESTful API, PostgreSQL, Docker, Git, GitHub, Postman, Ansible, Apache Airflow, Webpack, VSCode

WORK EXPERIENCE

Front-End Developer
Hogarth Worldwide

09/2021 – 12/2022 (Most Recent)   *New York, NY*

- Performed as a web developer for The Wall Street Journal, MarketWatch, and Barron's for ~4,000,000 subscribers
- Collaborated on a team of copywriters and designers on nearly 300 campaigns with multiple assets each and learned to work well under pressure on time-sensitive tasks
- Co-managed wsjpro.com through WordPress by building PHP modules and live pages which enhanced user experience for hundreds of premium subscribers
- Engineered customer-facing shop pages for news subscriptions and bundles sales with JavaScript and Webpack
- Innovated a platform for WSJ Journal House on journalhouse.com using Splash's event content management system (CMS)
- Developed eye-catching emails for commerce, customer engagement, commercial partnerships, and WSJ events

Full-Stack Developer Intern
Syracuse University Division of Marketing and Communications

06/2020 – 05/2021   *Syracuse, NY*

- Integrated and troubleshooted high-level software systems for Syracuse University which affected ~15,000 WordPress sites
- Contributed closely on a team of developers on full-stack agile development, systems administration, and problem-solving
- Designed an API for third-party bus data using pandas and Django allowing implementation for ~300 routes
- Engineered a multi-threaded WordPress site management tool through full dev cycle using Django and Ansible Tower API
- Integrated website security systems such as Lighthouse using Bash in Docker containers

Junior Django Developer
Syracuse University School of Information Studies

05/2019 – 03/2020   *Syracuse, NY*

- Designed and improved complex web applications for the School of Information Studies of Syracuse University
- Learned test driven development, PostgreSQL relational databases, CI/CD, accessibility, and Kanban development
- Completed a webapp in Django for university events with approval system and JavaScript multi-calendar display
- Programmed a Django form builder with JavaScript to digitize and facilitate college transfer application process for students

PROJECT EXPERIENCE

Girls Who Code Girls Data Analysis

03/2023   *New York, NY*

- Evaluated results of Girls Who Code Girls: a data storytelling avatar creation experience which won a Cannes Lions award
- Accessed inputs from user creations and Google Analytics, preprocessed data using pandas and scikit-learn, and presented detailed report to find what users want represented in video game characters

EDUCATION

B.S. in Computer Science, Minor in Cognitive Science
Syracuse University

05/2021   *Syracuse, NY*

3.6 GPA – Magna Cum Laude