Sayf Ahmed

New York, NY • sayf.eddin.ahmed@gmail.com • sayf-eddin.me • github.com/sayf-eddin

SUMMARY

Entry Level Software Developer with experience in collecting, cleaning, preprocessing, and modeling data using computer science concepts. Skilled in finding efficient solutions in fast-paced, agile environments, learning new tech stacks, and communicating with cross-functional teams.

WORK EXPERIENCE

Front-End Developer   *09/2021 – 12/2022*
Hogarth Worldwide   *New York, NY*

- Created time-sensitive marketing assets for over 300 campaigns for The Wall Street Journal, MarketWatch, and Barron's ~4,000,000 current readers and hundreds of thousands of potential ones
- Co-managed wsjpro.com through WordPress by building PHP modules with JavaScript to give hundreds of premium users a premium experience
- Composed shop pages for news subscriptions and bundles sales with JavaScript and Webpack that 100% of customers interacted with

Full-Stack Developer   *06/2020 – 05/2021*
Syracuse University Division of Marketing and Communications   *Syracuse, NY*

- Managed high-level software systems for Syracuse University which affected ~15,000 WordPress sites
- Developed an API for Centro's bus data with pandas and Django to allow implementation for ~300 routes
- Deployed a multi-threaded WordPress site management tool through full dev cycle using Django and Ansible Tower API for thousands of site owners to backup, archive, nuke, and more with a single click

Junior Django Developer   *05/2019 – 03/2020*
Syracuse University School of Information Studies   *Syracuse, NY*

- Integrated and troubleshooted complex Django web application using test driven development, PostgreSQL, CI/CD, accessibility, and Kanban development
- Constructed a web app for university events with approval system and JavaScript multi-view calendar
- Engineered a form builder with JavaScript to digitize and facilitate college transfer application process

PROJECT EXPERIENCE

Girls Who Code: Girls Who Code Girls   *03/2023*

- Cannes Lions award-winning data storytelling avatar creation experience
- Accessed inputs from user creations and Google Analytics, preprocessed data using scikit-learn and pandas, and presented detailed report to find what users want represented in video game characters

SKILLS

Programming Languages:	Python, JavaScript, Java, C++, R, SQL, Go, Shell, HTML5, CSS, PHP
Frameworks/Libraries:	Django, Flask, pandas, Spring, scikit-learn, React Native, Bootstrap, Wagtail
Applications/Services:	MS Excel, PowerPoint, LaTeX, PostgreSQL, Docker, Git, GitHub

EDUCATION

B.S. in Computer Science, Minor in Cognitive Science   *05/2021*
Syracuse University, Magna Cum Laude   *Syracuse, NY*