

# Sayf Ahmed

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## SUMMARY

Entry Level Software Developer with experience in designing and programming full-stack web applications using computer science concepts. Skilled in finding efficient solutions in fast-paced, agile environments, learning new tech stacks, creating automated tests, 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++, SQL, Go, Shell, HTML5, CSS, PHP

**Frameworks/Libraries:** Django, Flask, pandas, Spring, scikit-learn, React Native, Bootstrap, Wagtail

**Applications/Services:** RESTful API, PostgreSQL, Docker, Git, GitHub, OAuth 2.0, Ansible, Webpack

## EDUCATION

**B.S. in Computer Science, Minor in Cognitive Science**

05/2021

Syracuse University, Magna Cum Laude

Syracuse, NY