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Education / Certifications

Wesleyan University Class of '15
B.A. in Computer Science & Math

AWS Certified Cloud Practitioner, 2026
Cert ID#: 6ZT4F1HBKMR4QJKC

Syracuse University, Class of '22
M.C.S. College of Engineering & Computer Science

AWS Certified Solutions Architect – Associate, 2026
Validation#: 9TLPE94C9E1Q1QCK

Technical Skills

OS: Windows, Unix, RHEL, Ubuntu

Languages: Python, C/C++/C#, Java (Android), Bash/Shell, Ansible

IDEs: Android Studio, Visual Studio, IntelliJ, Unity

Methodologies: Agile, ITIL Service Management, CI/CD, Micro-services, AWS, Docker

Work Experience

Cigna

Dev Ops Engineer – NYC, 2019-Present

- Review and implement AWS application architectures designed by customers
- Implement and maintain AWS pipelines and platforms that enabled application teams to use AWS
- Use Bash, Python, Ansible and Jenkins to automate services that streamline app on-boarding and maintenance
- Maintained a 500+ node Hadoop Cluster, and meet deadlines for 20+ internal partners

Global Infrastructure Engineer, Team Automation lead – Glasgow, UK, 2018

- Responsible for setting up Ansible Tower for Cigna UK, Spain, Belgium, and Hong Kong
- Reduced server maintenance and provisioning time from days to hours using Ansible playbooks
- Trained team members in Europe and Asia to use Ansible Tower and create custom Ansible Python modules
- Maintained an environment of 2000+ Windows/Linux virtual machines across 3 data centers and 2 countries

Big Data Full Stack Developer – Bloomfield, CT, 2015-2017

- Designed, programmed, and maintained Django/Python REST APIs for application teams using Hadoop
- Implemented data ingestion and delivery pipelines with Python and Shell scripts for analysts using Hadoop
- Worked with Dev Ops teams to create CI/CD services and practices that improved application delivery. This led to the creation of a Dev Ops center of excellence to standardize application delivery within Cigna

Success Academy Charter Schools

IT Intern/Operations Intern – NYC, 2011-2013

- Triaged and repaired 50+ laptops daily. Upgraded and replaced 2000+ Mac Books for faculty and admin
- Maintained school network infrastructure and hardware (Network servers, SMART Boards, Laptops etc.)
- Responded to IT tickets for teachers with 24-hour SLAs.

Wheeli Inc.

Application Developer – NYC, 2013-2015

- Backend developer for the Wheeli Django/Python website
- Lead search engine optimization and Google Analytics integration to gather user engagement analytics
- Implemented major app features such as messaging, user profiles, login, and ride selection
- Worked with campus teams to host events and gather 400+ new users each semester

Personal Projects

yuonflemming.com August 2019-Present

- My personal AWS hosted website. Implemented using HTML, CSS, and JavaScript
- Created using CI/CD framework that uses Git Hub, AWS Code build, S3, Cloud front, and Route 53

Android App October 2021-June2022

<https://play.google.com/store/apps/details?id=com.gamehousegallery>

- Android (Java) mobile game application created for Master's Degree final project
- Implemented using Google Cloud Platform for cloud services
- Users can sign-up, play custom java games, and track their high scores saved in Google Firebase

Github Repos 2012-Present

<https://github.com/yuon11?tab=repositories>

<https://github.com/yflemming>

- A collection of code snippets (complete and incomplete) demonstrating some personal coding projects various languages