# Benjamin Goumalatsos

Looking to broaden my horizons in an ever changing field

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## EXPERIENCE

### Worldwide Organization of Jehovah's Witnesses, Fishkill, NY — Engineer

March 2019 - Present

I currently have the role of a DevOps engineer with the goal of automating tasks and operations for other departments within the organization. I ensure the efficiency of development for new software by creating unit tests, creating CI/CD pipelines for seamless development and integration, and maintaining the systems our resources are hosted with. This helps ensure our resources are accessible by millions globally. I use tools such as:

- AWS (EC2, S3, Lambda, CloudFormation, CloudWatch, RDS, EKS, etc.)
- Kubernetes
- Docker
- Git
- Splunk
- Vault
- Prometheus
- Golang

### Zenlabs Inc. - Back End Software Engineer

April 2020 - November 2020

I have worked as a back end software engineer for the startup Zenlabs, Inc, based in Los Angeles, California. I created efficient data pipelines with Python and various APIs and designed and managed their AWS systems. I have also helped clients move their current infrastructure to a serverless infrastructure, allowing for more than double the amount of users to interact with their website with ease around the country.

### Freelance Software Engineering

December 2015 - Present

I work as a freelance software engineer, specializing in back end development and systems management. I have worked with systems anywhere from AWS to Google Cloud Platform and even with FaaS systems such as serverless. I have created webhooks on a serverless infrastructure that allowed 30% more users to signup for websites and their services on a daily basis. I have also improved a client's mega web scraper's efficiency to slash runtime by nearly 60%. Some tools I frequently use on a daily basis here are:

- Python
- AWS (EC2, S3, Lambda, RDS, CloudFormation, EKS, etc.)

## SKILLS

AWS S3, EKS, RDS, EC2, CloudWatch, CloudFormation, Lambda, etc.

Back End Development

Kubernetes

Python, Objective-C, C++, Golang, Ruby, MySQL, Node.JS, MongoDB

CI/CD Pipelines

Familiar with Mac OS, Windows, and Linux operating systems

## AWARDS

**Technical Certificate in Programming and Interactive Media** Awarded on June 7th, 2016

**A+ Certification** Certified February 18, 2014

**Cyberpatriot State Champions** My team placed first in the state of Pennsylvania in the Cyberpatriot competition in 2015 and 2016.

## LANGUAGES

Fluent in English and American Sign Language,

- Serverless
- Docker
- Git
- Javascript
- Scrapy
- MySQL
- C++
- Objective-C

skilled in Spanish and Indian Sign Language

## EDUCATION

### **York County School of Technology,** York, PA — *Technical Certificate in Programming and Interactive Media*

September 2012 - June 2016

Studied at York County School of Technology and received a technical degree from the Pennsylvania Department of Education in Computer Programming and Interactive Media. I learned how to work in a team and how to work with various systems, such as iOS development, Python development, and SQL systems.

## PROJECTS

### **Cyberpatriot** — *State Champions 2015 and 2016*

My team and I competed in Cyberpatriot, a cyber security competition, in 2014, 2015, and 2016. We placed first in the state of Pennsylvania in 2015 and 2016. I specialized in securing Linux systems during the competitions. I wrote scripts in Linux to regularly update and perform security checks in Python.

### **Google's Foobar challenge** — *July 2020 - August 2020*

Google's Foobar challenge is a secret recruitment challenge from Google that tests a chosen engineer's knowledge in various computing and mathematical concepts such as various binary tree search algorithms, number theory, graph theory, dynamic programming, etc. I was chosen to participate in Google's Foobar challenge when I was doing research for a project at work. The challenge started out easy, testing problems such as comparing two arrays to find the outlying elements and the search algorithm breadth-first search, and eventually getting harder, testing skills in concepts such as Markov Chains, the Floyd-Warshall algorithm, and finding the maximum matchings of vertices in a given graph. This was a very fun challenge and I learned a lot from it.