

# 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 am an engineer for the Worldwide Organization of Jehovah's Witnesses, specializing as an AWS engineer and Golang developer. I have helped design, build, and scale our applications using kubernetes and hosting them with AWS, using tools such as EKS, S3 EC2, CloudFormation, RDS, CloudWatch, etc. DevOps practices are commonly exercised in this environment.

### Zenlabs Inc. - Back End Software Engineer

April 2020 - Present

I currently work as a back end software engineer for the startup Zenlabs, Inc, based in Los Angeles, California. I create efficient data pipelines with Python and various APIs and design and manage their AWS systems.

### Freelance Computer Programming

December 2015 - Present

I work as a freelance Computer Programmer, 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 am skilled with tools and languages such as Python, Golang, MySQL, MongoDB, Ruby, Objective-C, Node.JS, Objective-C, Git, Docker, Prometheus, etc.

## 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

## 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,

### **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.