

# Evan de Jesus

<https://evandej.es.us> • [github.com/ejdejesu](https://github.com/ejdejesu)

Wayne State University  
**BS Computer Science**  
**GPA: 3.62**

Detroit, MI  
Dec 2020

## Certifications

- Kubernetes Application Developer *CKAD-2000-003288-0100*
- AWS Solutions Architect – Associate *SAA-C02*

## Experience

**24G**

*Devops Engineer*

Troy, MI

*May 2019 - present*

- Designed and maintained container-based marketing applications using microservice architecture in AWS using Lambda and Kubernetes
- Led the cloud team in adopting Infrastructure as Code with Terraform
- Implemented high-standard cloud security practices in preparation for SOC 2 compliance
- Designed and maintained CI/CD pipelines using custom pipeline container environments
- Improved application performance with monitoring and alerting using Datadog

**24G**

*Software Engineer Intern*

Troy, MI

*Jan-May 2019*

- Developed web-based marketing applications and onsite conference installations using Node.js and Vue.js
- Made interactive demos for high profile tech conferences promoting Fortune 500 companies
- Created the *Bookmobile* cloud-native office library with facial recognition and QR code based IoT support

**IBM**

*Software Developer Intern*

Raleigh, NC

*May-Aug 2018*

- Developer for the IBM Cloud Activity Tracker service
- Created service testing suite in Golang
- Educated clients on usage of product in Node.js, Java, and Python
- Wrote server maintenance and testing scripts in Bash for the IBM Cloud Logging service

## Projects

**vet.lhei.org** – web application for mapping, organizing, and visualizing information about releases of toxins into the air, land and water across the United States

- Combined facility toxic release data from the EPA with chemical information from the PubChem database
- Used Django API and React.js frontend with Google Maps library to dynamically graph chemical data across the country

**VXP** – Virtual event platform with live event capabilities including keynotes, breakout sessions, and content libraries

- Microservice based architecture including Kubernetes API, Vue.js frontend, SQS queues, MySQL cluster, AWS Lambda cronjob, and Redis cache
- Created full featured Terraform stack for rapid environment standup and teardown with custom modules for each microservice

**#general\_simulator** – Machine learning project simulating company's main Slack channel

- Used the trained language model GPT-2 (117M) to auto-generate samples of our company's daily interactions
- Created daily sample hosted on GKE and stored using S3 for the company's enjoyment

**FIRST Tilt Table** – Electronic scoreboard for mechanical labyrinth-style game

- Web Frontend and Node.js API using MySQL and Socket.io for FRC State Championship '19 sponsored by Kettering University
- Moderators used iPad to interact with scoreboard and show top scores of players

## Skills & Software

- JavaScript, Node.js, Golang, Bash, Python, Vue, React, C/C++, Java, Git
- AWS, GCP, Terraform, Docker, Vault, Kubernetes, Helm, Datadog, MySQL, DynamoDB, Redis, Bitbucket Pipeline, Github Actions, Travis CI
- Raspberry Pi, Arduino

## Activities

Rock Climbing • Snowboarding • Chess • Music