

# Thomas Cocozzello

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## EDUCATION

### North Dakota State University

Bachelors in Computer Science (GPA: 3.4/4.0)

Minor – Management Information Systems

Fargo, North Dakota

May 2015

### Normandale Community College

Associates in Art (GPA: 3.0 /4.0)

Bloomington, Minnesota

May 2012

## EXPERIENCE

### Oracle America

Bellevue, Washington

*Oracle Linux Cloud Native Environment (OLCNE)*

Nov 2018 – Present

- My team and I created a Kubernetes installer to ease the complexity for anyone to get started with Kubernetes. I was honored to present this tool at Oracle OpenWorld 2019. Some key features I developed:
  - \* Oracle Linux 8 support for all components of our product
  - \* The Kubernetes/Istio update and upgrade path for our service
  - \* Kubernetes Control-plane and Worker node scaling for our service
  - \* A CLI that dynamically loads arguments based on configuration in the API
  - \* Developed a tool that templatize the projects we build to automate the changes we make to release opensource software
  - \* Developed a tool is to minimize the time to discover dependency licenses for all the Go projects we ship
- Main tools used: Go, Kubernetes, Bash, Git, Jenkins, Slack

### IBM

Rochester, Minnesota

*IBM Cloud Kubernetes Service Developer (IKS) - Network Team*

June 2016 – Nov 2018

- My team and I develop and manage the IBM Cloud Container Service's Network Orchestration Microservice, Loadbalancer, Kubernetes Cloud Provider, Calico and VPN.
  - Develop a Kubernetes microservice to generate and deploy network configurations into the customer's Kubernetes cluster. (Written in Go) My microservice also orders the customers subnets and binds them to their cluster as is being created.
  - Main tools used were Go, Kubernetes, ETCD, Python, Bash, Kibana, Grafana, Prometheus, Git, Jenkins, Slack
- Upstream OpenStack Developer (Keystone, Glance)*
- June 2015 – June 2016
- Working with OpenStack was a great learning experience and was the perfect position to help me understand coding practices in the industry. I worked on almost ever part of the development life cycle; starting a python project, correctly writing unit and functional tests, fixing bugs and making interface changes to the CLI and API. Keystone and Glance definitely sculpted me into a better developer.
  - Main tools used were Python Git,

## INFORMATION

### Languages

- Go
- Python
- JavaScript
- Java

### Awards

- 3<sup>rd</sup> for the Tri-College Region in the International Collegiate Programming Contest (ACM-ICPC)

### Volunteering

- Northwest Harvest - *packing food* 2019
- IBM eWeek - *Promote Engineering in a Local School* 2016
- IBM Day of Caring - *Clean Up Local Hospice House and Landscaping* 2016