

# Sick Yoon

PLATFORM ENGINEER · GOPHER

1409-150 East Liberty Street, Toronto, Ontario, Canada, M6K 3R5

☎ 647-786-5724 | ✉ sick.yoon@gmail.com | 🏠 <https://stevey.io> | 📱 sickyoon | 🌐 sickyoon

## Skills

**Languages** Go, Python3, C++, Javascript

**DevOp** Kubernetes, Mesosphere/Marathon, Ansible, Chef, LXC, Docker, Prometheus, Grafana, Telegraf

**Web** Go, Tornado/Flask/Django, Rails, Express, React/Redux, HTML5/CSS3/SASS

## Experience

### Platform Engineer

Remote

COMPOSE, AN IBM COMPANY

Jan. 2017 - Present

- Database-as-a-Service platform for IBM Bluemix (PostgreSQL, MongoDB, Etc, RabbitMQ and more)
- Microservices in Go to manage tens of thousands of database replicas distributed across multiple cloud providers (GCP, AWS, Bluemix) in multiple regions.
- Monitoring infrastructure using telegraf, prometheus and grafana
- Kubernetes operators and CRD to manage database replicas

### Sergeant, Software Engineering

Seoul, S.Korea

REPUBLIC OF KOREA CYBER COMMAND

Feb. 2015 - Nov. 2016

- Large scale microservices in Go/Python3/React for cybersecurity projects

### Co-founder

Toronto, Canada

INTERNET OF FLOW INC.

2013 - 2015

- Smart water meter monitoring solution
- Schematic design and embedded C for wireless water meter
- Web application in Python3/Tornado/React

### ASIC Design Engineer 2

Markham, Canada

ADVANCED MICRO DEVICES INC.

Aug. 2013 - Oct. 2014

- PCIe post-silicon debugging
- PCS IP (PCIe, USB, SATA) design verification
- C++, Perl, System Verilog, Verilog, UVM

### Software Engineer (Java)

Mississauga, Canada

AVERSAN INC.

Nov. 2012 - May. 2013

- Implemented reverse proxy and test automation framework for eHealth Ontario
- Java, Netty, Spring, Hibernate, Maven, Oracle 11g, Selenium

### AMD Design Engineer (PEY)

Markham, Canada

ADVANCED MICRO DEVICES INC.

May. 2010 - Sep. 2011

- DFx IP (DFT/DFD) design verification
- IEEE standards (JTAG, P1500)
- C++, Perl, System Verilog, Verilog

## Education

### University of Toronto

Toronto, Canada

B.A.Sc. COMPUTER ENGINEERING

2007 - 2012

- Certificate in Entrepreneurship, Innovation and Small Business

## Open Source

★ 516 **GoCelery**, Celery Distributed Task Queue in Go - <https://github.com/gocelery/gocelery>