

ZACHARY SCOTT BISCHOF

Researcher in networking and distributed systems

✉ z@chary.io 📞 +1 515-360-7364 🌐 http://zbischof.com 📍 Beaverton, OR

WORK EXPERIENCE

Researcher Aug 2017 – Feb 2020
IIJ Innovation Institute Tokyo, Japan

- August 2017 to August 2019 funded by the Japan Society for Promotion of Science Postdoctoral Fellowship and subsequently hired full-time as a senior researcher

Adjunct Professor / Postdoctoral Researcher Jan 2017 – Aug 2017
Northwestern University Evanston, IL

- Taught CS-213 Intro to Computer Systems

Graduate research assistant / Teaching Assistant Sept 2009 – Dec 2016
Northwestern University Evanston, IL

- Conducted multiple research projects related to broadband networks, Internet measurement, distributed systems, and P2P systems
- Advised by Prof. Fabián E. Bustamante
- Teaching assistant for Intro to Computer Systems ('11, '12), Operating Systems ('13, '15), Distributed Systems ('13, '14, '15, '16)
- Designed and co-authored projects for a Distributed Systems course that implemented the Kademia DHT and Vanish (distributed key sharding) in Go

Research intern Summer 2015
Inria (National Institute for Research in Computer Science and Automation) Paris, France

- Supervised by Renata Teixeira

Research intern Summer 2013
Telefonica Research and Development Barcelona, Spain

- Supervised by Rade Stanojevic

Research intern Summer 2012
IIJ Innovation Institute Tokyo, Japan

- Supervised by Kenjiro Cho

EDUCATION

Ph.D., Computer Science December 2016
Northwestern University Evanston, IL

Advised by Prof. Fabián E. Bustamante
Dissertation title: Characterizing Broadband Services in a Broader Context: Vantage Points, Measurements, and Experimentation

M.S., Computer Science September 2013
Northwestern University Evanston, IL

B.S., Computer Engineering June 2009
Northwestern University Evanston, IL

Minor in Japanese Language & Culture

SKILLS

Primary programming languages:

C Go Python

Previous experience:

8051/AMD64 Assembly

C++ Java JavaScript

Matlab VHDL

Tools:

Docker Git Hadoop

Hg Jupyter Kafka

MapReduce Pig Scapy

Scikit Learn Spark

Languages

Native English speaker

Proficient in Japanese

ACHIEVEMENTS

Community activities

Technical Program Committee member for IMC '21 '20 '19, PAM '21, ANRW '20 '19, Sigcomm '18 IoT S&P, ITC 30

Awards and honors

- TMA '20 Best Open Dataset Award
- Japan Society for the Promotion of Science (JSPS) Postdoctoral Fellowship
- IMC '14 finalist for Best Paper Award
- Sigcomm '12 W-MUST Best Paper Award

OTHER LINKS

🐙 Github: [git.chary.io](https://github.com/git.chary.io)

🔍 Google Scholar: gs.chary.io

🌐 LinkedIn: li.chary.io