

Gaukas Wang

Computer Engineer (B.Sc.)

- ▶ Boulder, Colorado, USA

Skills

Software Development 4+ yrs

Linux System Administration 4+ yrs.

Cloud computing 3+ yrs.

Cyber security 2+ yrs.

Code Review 2+ yrs.

Embedded Systems 1+ yrs.

Education

Aug 2018 - May 2021

Electrical and Computer Engineering (B.Sc.)

University of Colorado Boulder

Summa Cum Laude, GPA: 3.93

Interests

- ▶ Piano
- ▶ Cooking
- ▶ Fitness
- ▶ Handcraft
- ▶ Naval History

Contact

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🌐 github.com/Gaukas

in linkedin.com/in/gaukaswang

Biography

Yiyang Wang, often goes by Gaukas Wang, is an Electrical & Computer Engineer with years of experiences in the field of censorship circumvention. During his undergraduate study, he worked as teaching assistant, research assistant, as well as student researcher in the University of Colorado Boulder and made independent contribution to the research projects he worked on. Currently, Gaukas is working as a Software Engineer in Telecommunication industry and will be pursuing a Ph.D. candidacy in the field of Computer Engineering starting the Fall semester in 2022.

Work experience

Software Engineer

IntelePeer

08/2021 - Today

Develop, maintain and improve the Voice Service application which connects clients to the DID/TollFree infrastructure.

Censorship Analyst, SW DevOps Engineer

Tunnel.Work

08/2017 - Today

Co-founded the business. Maintain the server cluster in the censorship circumventing network and lead the development of related software systems.

Censorship Researcher, Software Engineer

Department of ECEE (Prof. Eric Wustrow)
University of Colorado Boulder

01/2021 - Today

Improving a censorship circumventing system called Conjure by developing a new transport utilizing WebRTC.

Research & Teaching Assistant

Department of ECEE (Prof. Joseph Izraelevitz)
University of Colorado Boulder

04/2020 - 04/2021

- Conduct benchmarks on distributed system implementations and improve an existing RDMA-based broadcasting system.
- Assist in ECEN-4313/5033 (Concurrent Programming) and ECEN-1310 (C Programming for ECE).

Research

- G. Wang & J. Wampler & E. Wustrow (est. 2022). "Peering into the Abyss: Using WebRTC in Censorship Circumvention".
- J. Izraelevitz & G. Wang & K. Silvers & G. Chockler & A. Gotsman (est. 2021 Aug). "Acuerdo, Fast Broadcast over RDMA".
- Z. Liu & D. Grunwald & J. Izraelevitz & G. Wang & S. Ha (est. 2021 May). "MTROM: Mostly Reliable Totally Ordered Multicast".

Signed on 7th September 2021

Yiyang Wang
Yiyang "Gaukas" Wang