

Gaukas Wang

Computer Engineer

► Boulder, Colorado, USA

Skills

Linux 5+ yrs.

C++ (Programming) 4 yrs.

Python (Programming) 3 yrs.

Go (Programming) 3 yrs.

Rust (Programming) 2 yrs.

Cybersecurity 2 yrs.

Education

Aug 2022 - May 2027

Electrical Engineering (Ph.D.)

University of Colorado, Boulder

Computer Engineering subplan

Aug 2018 - May 2021

Electrical and Computer Engineering (B.Sc.)

University of Colorado, Boulder

Computer Engineering Focus

Contact

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🌐 github.com/Gaukas

in linkedin.com/in/gaukaswang

Biography

Gaukas Wang, a.k.a Yiyang Wang, is an experienced computer engineer and a researcher in the field of Censorship Circumvention, Network, and Online Privacy. He has gained experiences and made independent contributions as a teaching assistant, research assistant, as well as a student researcher during his study at the University of Colorado Boulder. He is currently a Ph.D. student at the University of Colorado Boulder.

Selected Research

- Acuerdo: Fast Atomic Broadcast over RDMA (Accepted ICPP'2022)
- MRTOM: Mostly Reliable Totally Ordered Multicast (Submitted INFOCOM'2023)
- Circumvention as a Service: Philosophy of Circumvention
- Termite: A Better Design of a Censorship Circumvention System

Work experience

Software Engineer

Intelepeer Cloud Communications LLC

08/2021 - 06/2022

Building and maintaining a software system which provides users interfaces to access a Communication-Platform-as-a-Service (cpaaS) infrastructure.

Researcher

University of Colorado, Boulder

01/2021 - 04/2022

Attempting to build a DTLS transport layer inspired by WebRTC for Conjure with Prof. Eric Wustrow.

Research Assistant

University of Colorado, Boulder

04/2020 - 04/2021

Building an atomic RDMA broadcasting design called Acuerdo with Prof. Joseph Izraelevitz.

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