# Feitong Qiao

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**Research Interests**

Program Languages, Software Systems, Formal Methods

**Education**

**Columbia University**, School of Engineering and Applied Science     **(expected) Feb 2025**
*M.S. in Computer Science*     *New York, NY*
GPA: 4.04/4

**Columbia University**, Columbia College     **Oct 2023**
*B.A. in Computer Science & B.A. in Mathematics*     *New York, NY*
GPA: 3.71/4; Computer Science Major GPA: 4.05/4

**Teaching Experience**

**TA: Parallel Functional Programming**     **Fall 2022 + Fall 2024**
*Instructor: Prof. Stephen A. Edwards*     *Columbia University*

**TA: Fundamentals of Large-Scale Distributed Systems**     **Spring 2022**
*Instructor: Prof. Roxana Geambasu*     *Columbia University*

**TA: Advanced Computer Networks**     **Fall 2021**
*Instructor: Prof. Ethan Katz-Bassett*     *Columbia University*

**TA: Computer Networks**     **Spring 2021**
*Instructor: Prof. Henning Schulzrinne*     *Columbia University*

**Publications**

**Energy-Aware Process Scheduling in Linux**
***Feitong Qiao****, Yiming Fang*, Asaf Cidon (\* equal contribution)*
HotCarbon 2024

**Statically Inferring Usage Bound for Infrastructure as Code**
***Feitong Qiao****, Aryana Mohammadi, Jürgen Cito, Mark Santolucito*
VSTTE 2024

**Combining LLM Code Generation with Formal Specifications and Reactive Program Synthesis**
*William Murphy, Nikolaus Holzer, Nathan Koenig, Leyi Cui, Raven Rothkopf, **Feitong Qiao**, Mark Santolucito*
In Submission

**VuLLM: Augmented Prompting for Vulnerability Detection with Large Language Models (LLMs)**
*Ira Ceka, Anik Dey, **Feitong Qiao**, Aastha Valecha, Gail Kaiser, Baishakhi Ray*
In Submission

**GazeLabel: A Cost-free Data Labeling System with Public Displays using Eye-tracking**
*Zhiyuan Liu, **Feitong Qiao**, Haotian Long, Guang Li*
SenSys 2018

**Industry Experience**

**Amazon AWS**     **Summer 2022**
*SDE Intern*     *Seattle, U.S.*

**Amazon AWS**     **Summer 2021**
*SDE Intern*     *Seattle, U.S.*

**Nexar**     **Summer 2019**
*DevOps Engineer Intern*     *Tel Aviv, Israel*

**Megvii**     **Summer 2018**
*SDE Intern*     *Beijing, China*

**Additional Information**   **Languages**
- English (Native), Mandarin (Native)