

EDUCATION

- Massachusetts Institute of Technology, 2024-Present
 - PhD Student, Electrical Engineering and Computer Science
 - Advisor: Saman Amarasinghe
- Cornell University, College of Arts and Sciences, 2020-2023
 - AB in Computer Science, with Distinction in All Subjects
 - Advisors/Mentors: Adrian Sampson and Rachit Nigam

PUBLICATIONS

- *Unifying Static and Dynamic Intermediate Languages for Accelerator Generators*. **Caleb Kim***, Pai Li*, Anshuman Mohan, Andrew Butt, Adrian Sampson, Rachit Nigam. (**Equal Authors*). Conditionally accepted to appear in [OOPSLA 2024](#).
 - [arXiv](#)

RESEARCH EXPERIENCE

- [Capra](#) Research Group, Cornell, June 2022 – August 2024
 - Worked on [Calyx](#), an intermediate language for compilers that target hardware accelerators.

HONORS/AWARDS

- Cornell:
 - 2024 Computer Science Prize for Academic Excellence (awarded by CS faculty to 2 graduating seniors)
 - Phi Beta Kappa
- 2nd Place, PLDI Student Research Competition (SRC) 2023, undergraduate category. “Resource Sharing in Hardware Accelerators through Control-Flow Based Optimizations”.
 - [Talk](#) | [Poster](#)

ACTIVITIES

- Student Volunteer, PLDI 2023
- TA for CS 2800 (Discrete Structures), Spring 2022, Fall 2022, Fall 2023