

## EDUCATION

---

- Cornell University, College of Arts and Sciences, Graduating December 2023
  - Major: Computer Science (Minor: Philosophy)
  - GPA 4.19/4.3 (Computer Science GPA 4.26/4.3)
  - Phi Beta Kappa

## RESEARCH EXPERIENCE

---

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

## ONGOING WORK

---

- *Unifying Static and Dynamic Intermediate Languages for Accelerator Generators*. **Caleb Kim\***, Pai Li\*, Anshuman Mohan, Andrew Butt, Adrian Sampson, Rachit Nigam. (\*Equal Authors)
  - Under submission to ASPLOS 2024
  - PDF: <https://drive.google.com/file/d/1pK2WLR-eliVMH9aAmwjDfPZFLktleRPt/view>

## AWARDS

---

- 2<sup>nd</sup> Place, PLDI Student Research Competition (SRC) 2023, undergraduate category. "Resource Sharing through Control-Flow Based Optimizations".
  - [Talk](#) | [Paper](#) | [Poster](#)

## ACTIVITIES

---

- Student Volunteer, PLDI 2023
- TA for CS 2800 (Discrete Structures), Spring 2022, Fall 2022, Fall 2023
  - Held office hours, graded problem sets, led discussion sections

## LANGUAGES

---

- Experienced in Rust, Java, Python, OCaml. Familiar with C/C++, Javascript, and MATLAB.