

William C. Choi-Kim

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PERSONAL STATEMENT

I'm a college student @ Princeton University pursuing a degree in Electrical and Computer Engineering. I'm a published first-author in F1000, with additional forthcoming research work from Baylor College of Medicine. I work as a mentor and a student ambassador at Wolfram Research's educational programs, and I've contributed functions to WolframLanguage (Mathematica).

EDUCATION

Princeton University 2026 - 2030

- Pursuing a degree in Electrical and Computer Engineering with minors in bioengineering and linguistics

Cy-Fair High School 2022 - 2026

EMPLOYMENT

Education Programs Coordinator Intern 2026 - Present

- Working on a team of three interns to interview applicants, organize events, coordinate with ambassadors, and more for educational programs.

Mentor at Wolfram Emerging Leaders Program 2025 - 2027

- Working as a mentor at the Wolfram Emerging Leaders Program, guiding students through a yearlong research project

Mentor at Wolfram Summer Research Program 2026 Summer 2026

- Working as a mentor at the Wolfram Summer Research Program, living in residence with and guiding a small group of students through a three-week intensive research project

Teaching Assistant at Wolfram Summer Research Program Summer 2025

- Helped summer program students with computational research at WSRP'25

Tutor @ Kumon 2026

- Tutored young students in mathematics and language

PUBLICATIONS

- [Submitted] Measuring Intersectional Bias in Sexualization Across Frontier and Local Open-Weight Text-to-Image Models
- Choi-Kim W and Hosseini SR. CBN2Path: an R/Bioconductor package for the analysis of cancer progression pathways using Conjunctive Bayesian Networks. F1000Research 2025, 14:834 (<https://doi.org/10.12688/f1000research.168810.1>)
- **Various Wolfram publications**, including “Established Methods for Protein Analysis and a Monte-Carlo Approach” (presented at the Wolfram Technology Conference 2026)

@PRINCETON

- **Founder-in-Residence** at **Princeton Student Ventures**
- Board Member/Leadership at **Passionfruit Magazine**
- Volunteer for **Community House**

PROJECTS

- [choi.kim](https://www.choi.kim) (<https://www.choi.kim>)
 - [pookbook](https://pookbook.choi.kim) (<https://pookbook.choi.kim>)
 - All-in-one productivity app for note taking, annotating, web browsing, file viewing, EPUB reading, etc.
 - Chitter (<https://chitter.choi.kim>)
 - Pythagora (<https://pythagora.choi.kim>)
- SmilesDB (<https://www.smilesdb.org>)
 - SMILES string molecular database