



Jerry Yang

Ph.D. Student in Electrical Engineering, admitted Autumn 2020

 Curriculum Vitae available Online

Bio

BIO

Jerry A. Yang is a PhD student in electrical engineering at Stanford University. He received his BS in electrical engineering from the University of Texas at Austin and MA in Education from Stanford University. He currently works on strain engineering in two-dimensional materials in Prof. Eric Pop's lab. In addition, he works on equity issues in engineering education in Prof. Sheri Sheppard's Designing Education Lab. His research interests span novel materials, devices, and systems for next-generation computing, engineering education research methods, and critical theories in engineering education. He is a student member of the Institute for Electrical and Electronics Engineers (IEEE), Materials Research Society (MRS), and American Society of Engineering Education (ASEE).

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Student Member, Materials Research Society (2022 - present)
- Student Affiliate, American Society of Engineering Education (ASEE) (2018 - present)
- Member, Institute of Electrical and Electronics Engineers (IEEE) (2017 - present)
- Student Member, National Science Teachers' Association (2017 - 2019)

EDUCATION AND CERTIFICATIONS

- MA, Stanford University , Education (2023)
- BS, University of Texas at Austin , Electrical and Computer Engineering (2020)

LINKS

- ORCID: <https://orcid.org/0000-0001-5521-8523>
- Google Scholar: <https://scholar.google.com/citations?user=qyYPd5QAAAAJ&hl=en>

Research & Scholarship

LAB AFFILIATIONS

- Krishna Saraswat, Saraswat Group (1/11/2021)
- Eric Pop, Poplab (9/14/2020)
- Sheri Sheppard, Designing Education Lab (9/14/2020)

Publications

PUBLICATIONS

- Today's Grad Students, Tomorrow's Faculty LGBTQIA plus Graduate Student Experiences Navigating the Insider/Outsider Paradox in Engineering *QUEERNESS AS DOING IN HIGHER EDUCATION*

Bakka, B., Jennings, M., Yang, J. A., Cisneros, J., Jourian, T. J., Miller, R. A., Duran, A.
2023; 142-156

- **LGBTQ plus in ECE: Culture and (Non)Visibility** *IEEE TRANSACTIONS ON EDUCATION*

Yang, J. A., Sherard, M. K., Julien, C., Borrego, M.
2021; 64 (4): 345-352

- **Resistance and Community-Building in LGBTQ+ Engineering Students** *Journal of Women and Minorities in Science and Engineering*

Yang, J. A., Sherard, M. K., Julien, C., Borrego, M.
2021; 27 (4): 1-33

- **Buckled beam mechanical memory using an asymmetric piezoresistor for readout** *JOURNAL OF MICROMECHANICS AND MICROENGINEERING*

Lin, J., Shuvra, P., Yang, J. A., McNamara, S., Walsh, K., Alphenaar, B.
2020; 30 (7)