I am a PhD student in Bioengineering specializing in the intersection of biodesign and machine learning for understanding, treating, and tracking neuropsychiatric conditions.

As a highly interdisciplinary translational researcher, I have several academic interests and my thesis work therefore spans the engineering, design, scientific, algorithmic, and clinical questions associated with developing new technologies to transform healthcare and diagnostics.

Before coming to Stanford, I completed an undergraduate degree in Computer Science at Rice University in Houston, Texas.

**EDUCATION AND CERTIFICATIONS**

- Master of Science, Stanford University, CS-MS (2018)
- BA, Rice University, Computer Science (2015)

**STANFORD ADVISORS**

- Dennis Wall, Doctoral Dissertation Advisor (AC)

**Research & Scholarship**

**CURRENT RESEARCH AND SCHOLARLY INTERESTS**

I am currently a graduate student in Bioengineering specializing in biomedical data science, utilizing techniques from and innovating in crowdsourcing healthcare, applied machine learning, computational psychiatry, translational bioinformatics, human-computer interaction, and mobile/wearable systems.

I have several academic interests and my thesis work therefore spans the engineering, design, scientific, algorithmic, and clinical questions associated with developing new technologies to transform healthcare and diagnostics.

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• Analysis of Sex and Recurrence Ratios in Simplex and Multiplex Autism Spectrum Disorder Implicates Sex-Specific Alleles as Inheritance Mechanism

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