

Jeff Brozena

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EDUCATION

The Pennsylvania State University

Ph.D., Informatics

2021 – 2025

- Adviser: Dr. Saeed Abdullah
- Focus: HCI and machine learning for mental healthcare
- Cumulative GPA: 4.0 / 4.0

B.S., Information Sciences and Technology

2009 – 2019

- Minor: Science, Technology, and Society Studies

PUBLICATIONS

Blair, Johnna, **Jeff Brozena**, Mark Matthews, Thomas Richardson, and Saeed Abdullah. “Financial technologies (FinTech) for mental health: The potential of objective financial data to better understand the relationships between financial behavior and mental health.” *Frontiers In Psychiatry* (Submitted.)

CURRENT RESEARCH

Understanding and addressing user privacy concerns in the use of financial data as behavioral marker of bipolar disorder

- Survey design and deployment, prototype design and development, data analysis

Predicting relapse onset in bipolar disorder

- Data analysis and visualization, feature selection, literature review

RESEARCH & INDUSTRY EXPERIENCE

Wellbeing and Health Innovation Lab

Research Assistant

2019 – 2021

- Project: Predicting relapse onset in bipolar disorder
- Responsibilities: Data analysis and visualization, feature selection, literature review

Smiles 4 Keeps Pediatric Dentistry

Director, Practice Operations

2012 – 2018

- Readied one of the country’s largest privately-held multi-site Medicaid pediatric dental groups for sale via a years-long digital transformation of all clinical and business operations. Reported to owner.

AWARDS & SCHOLARSHIPS

Rock Ethics Stand Up Award

2011

Active Minds Emerging Scholars Fellowship

2011

PROFESSIONAL AFFILIATIONS

Member, Society for Digital Mental Health

2022 – Present