KRISTA KERNODLE
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EDUCATION AND AWARDS

2015- Sept 2021	**PhD Neuroscience, University of Michigan (Sept 2021 defense)** *Systems level, Computational, Behavioral Science*

- Received **MSc Neuroscience** in 2018
- Awarded **NSF Graduate Research Fellowship Program** honorable mention (2015)
- Awarded **3 travel grants** for conference presentations (2018-2020)
- Published **1 paper** (1 additional in review, 1 additional in process)
- **Established validity** of animal model for use in continued study of human dystonia
- **Developed cheaper alternative** for behavioral apparatus ($800 vs $5,000)
- **Managed 3+ projects at a time** including scheduling, data collection, data processing, and data analysis
- Hired and **mentored 4** undergraduate students (2 senior theses)

2011-2015 BSc Mathematics, University of California, Irvine
Computational Biology, Mathematical Modeling, Statistics

- Awarded **4 scholarships** amounting to $16,800
- Awarded **3 travel scholarships** for conference presentations (2013-2015)

EXPERIENCE

Aug 2019- current	**MILEAD CONSULTING, Ann Arbor, MI** **Non-profit organization offering consulting services** *Consultant*

- **Worked on team** with two other consultants to **address client needs**
- **Presented** findings and recommendations **to the client**
- **Formulated analysis** on industry trends and positioning to provide recommendations on **product development** and **market entry strategy**
- Provided expertise across **two different industries** (automotive, medical devices)

2017-2020 WOLVERINE VENTURE FUND, University of Michigan, Ann Arbor
Student-led venture capital fund focusing on series A & B investment opportunities
Fund Member

- **Screened 350+ potential targets, created slide decks** based on market and analysis of financials and **pitched opportunities to fund members**
- **Led a group of 6** fund members to identify potential VC partners based on strategic fit and **develop deal pipelines** with these VCs
- Provided expertise across **two different industries** (neurotech, telehealth)

LEADERSHIP AND OTHER EXPERIENCE

2018-2020 St Andrew's Breakfast Program, Ann Arbor, MI: Volunteer

- Worked with local organization to provide **daily** breakfast to the **homeless** population in the area

Fall 2016 Graduate Student Instructor
Neuropharmacology, Developmental Neuroscience, and Computational Neuroscience

- Provided assistance in a class of 25+ students

INTERESTS AND OTHER ACTIVITIES

- **Eclectus parrot rescue**: Working with a team of veterinarian specialists and behavioral care experts to rehabilitate a neglected parrot
- **Started a calculus tutoring business**: Single employee business generating **$24k annually** in profit. Business lasted approximately three years before closing (I started graduate school!)

LANGUAGES AND IT SKILLS

- **Languages**: English (mother tongue)
- **IT**: Python (pandas, numpy, matplotlib, sqlAlchemy, flask), PostgreSQL, Office Package (Word, Excel, PowerPoint), MatLab