

Niharika Pereira
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EXPERIENCE

Volunteer Junior Ruby & Rails Developer

Manifest Garden Foundation | Remote | 2016-Present

- Assisting in project planning and task reporting in Redmine
- Making suggestions for site improvements
- Debugging reported issues on plant guides
- Modifying existing open source Rails application 'OpenFarm' on vagrant server

Research Assistant

Neuropsychometric Lab | Dallas, TX | 2014-2105

- Worked on study examining cognitive and neural underpinnings of Multiple Scleroses
- Trained on Neuropsychological Battery for control participants and MS patients
- Conducted independent research on age-related decreases in functional connectivity

Research Experience for Undergraduates (REU)

Undergraduate Researcher

Early Language and Experience Lab, University of Minnesota
Minneapolis, MN | Summer, 2013

- Investigated children's source monitoring of speakers, sensory modalities, and inductive inferences under mentorship of Dr. Melissa Koenig
- Interacted with children and family members and ran participants of ages 3, 4, and 5-year olds in experimental procedure
- Analyzed data and interpreted results in SPSS
- Presented poster displaying research results at the REU Poster Conference

SKILLS

Java, Ruby, Rails, C++, Git, SPSS, Excel

RELEVANT COURSEWORK

Research Methods

Advanced Statistics

Computer Science I (C++)

Computer Science II (Java)

Human Computer Interactions II

Computational Modeling for Natural Language Processing

Discrete Math I for Computing

Probability and Statistics for Computer Science

Calculus I & II

Linear Algebra

EDUCATION

University of Texas at Dallas, Richardson, TX

Applied Cognition and Neuroscience

Master of Science, 2014-2016, GPA: 3.70

Baylor University, Waco, TX

Psychology, Bachelor of Arts, 2010-2014

Minors: Philosophy, French, GPA: 3.92

Magna Cum Laude, Honors with Distinction

Phi Beta Kappa Society, Baylor Symphony Orchestra