

Robert Morris

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Education

Princeton University, Princeton, NJ

1999-2003

Bachelor of Arts in Psychology, *Summa Cum Laude*

Professional Experience

MIT – Affective Computing Laboratory

2007-Present

Research Assistant

- Develop new media tools to help individuals diagnosed with Autism Spectrum Disorder
- Assist with psychophysiological studies at MIT and the Groden Center in Rhode Island
- Write grant proposal for work related to auditory sensitivity and Autism Spectrum Disorder
- Develop video games to help persons suffering from anxiety, speech pathology, or auditory sensitivity
- Present research to companies to corporate sponsors of the MIT Media Lab

Harvard University – Kosslyn Laboratory

2005-2007

Research Assistant

- Operate Siemens and Avanto scanners and acquire data using fMRI, mMRI, and diffusion tensor imaging (DTI). Instruct subjects on testing paradigms and present stimuli during scanning.
- Design new behavioral experiments to investigate the neural correlates of deception.
- Write and prepare original paper for scientific journal, with credit as first author .
- Create behavioral testing stimuli using Psyscope and Psyscope-FL.
- Assist in the writing and editing of grant applications and IRB renewals.
- Compile and analyze behavioral data using Microsoft Excel

MGH – Martinos Center for Biomedical Imaging

2004-2005

Senior Research Technologist

- Acquired data using fMRI, mMRI, DTI, and arterial spin labeling (ASL).
- Analyzed data from fMRI, mMRI, ASL, using Neurolens .
- Administered paradigms on a varied subject pool (including persons with major depressive disorder, cocaine-dependent individuals, and a family with benign hereditary chorea).
- Helped design functional imaging paradigms testing reward/aversion, attention and impulsive behavior.
- Collect psychophysiological data with electrophysiology equipment (GSR, ECG, PulseOx)

Novartis Pharmaceuticals, Basel, Switzerland

2003-2004

Research Assistant

- Automated and designed equipment for the Porsolt swim test – an animal model for depression.
- Administered anti-depressant compounds to rodents for behavioral neurobiological experiments.
- Analyzed behavioral data using motion-detection software and Microsoft Excel.

Private Guitar Instruction

1998-2007

- Educate students on contemporary, blues, and jazz guitar methods.
- Teach music theory and harmony.

Music Experience / Education

- Classical voice with Mark Lee (of NEC) 2003 - Present
- Contemporary guitar with Bruce Arnold (of Berklee College of Music) 1999-2002

Honors, Awards

- Howard Warren Senior Thesis Prize
- Edward E. Jones Memorial Prize, Dept of Psychology
- Sigma Chi Scientific Society, Princeton University Chapter

Computer Skills

- Siemens 1.5T and 3T scanner systems
- Processing, Actionscript, C
- Max/Msp, Pd
- HTML, CSS, Actionscript
- Dreamweaver, Photoshop, Flash
- Neurolens
- ProTools, Reason