talia lyric weiss

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education

UNIVERSITY OF ILLINOIS AT CHICAGO
August 2018
M.S. Biomedical Visualization

DARTMOUTH COLLEGE
June 2014
Bachelor of Arts
Major: Neuroscience
Minor: Digital Arts
Overall GPA: 3.71/4.0
Major GPA: 4.0/4.0
Cum Laude

Relevant Coursework

- Animation
- Virtual and Augmented Reality
- Interactive Game Design (C#)
- Programming for Haptics (C++)
- 3D Printing
- 3D Modeling
- Web Development
- Graphic Design
- Gross Anatomy
- Neuroanatomy
- Molecular Neuroscience
- Behavioral Neuroscience
- Physiology
- Pathophysiology
- Biochemistry
- Cell Biology

work experience

IMS CONSULTING GROUP, *Associate Consultant*
(July 2014 - June 2016)

- Consulted for Fortune-500 pharmaceutical companies on post-aquisition strategy, product pricing and launch, and market access and commercial strategy
- Managed teams and timelines, and communicated directly with client to deliver successful projects

Analyst

- Conducted physician, health insurer, and pharmacist interviews to provide insights that fed analysis
- Designed and built user-friendly client tools including digital checklist and point-and-click playbook

DARTMOUTH-HITCHCOCK MEDICAL CENTER, *2D Medical Animator*
(January 2014 - June 2014)

- Worked with pediatric urologist to storyboard and animate 2D animation demonstrating bodily functions to educate and engage young patients

NEUKOM DIGITAL ARTS LEADERSHIP AND INNOVATION LAB, *Project Manager, Designer*
(Septemenber 2013 - May 2014)

- In a team, designed and developed an interactive phylogenetic tree application for a client

NAUREX INC. (Acquired by Allergan), *Lab Research Assistant*
(June 2013 - August 2013)

- Conducted basic research to elucidate mechanisms underlying phase II drug for depression
- Drafted digital 2D visualization demonstrating the target drug's proposed mechanism of action

THE NATIONAL MS SOCIETY, *Marketing and Community Outreach Intern*
(January 2013 - March 2013)

- Promoted MS research by interviewing local scientists and authoring five research-oriented articles published in company's online newsletter
- Scripted and narrated a dynamic training video to be used by all future NMSS volunteers

recognition & awards

CUM LAUDE
Dartmouth College, Hanover NH
• Graduated in the top 35% of class

ACADEMIC ACHIEVEMENT IN NEUROSCIENCE
Department of Psychological and Brain Sciences
- Honor awarded to graduating students with a perfect 4.0 GPA in the neuroscience major

CITATION OF MERITORIOUS PERFORMANCE IN ADVANCED PROJECTS IN DIGITAL ARTS
Department of Computer Science

CELLULOID FILM FESTIVAL
Arts and Humanities Bainbridge, Bainbridge Island, WA
- My animation short *The Sailor* was accepted to and screened at the annual 2014 Celluloid Bainbridge Film Festival

DIGITAL ARTS MAKE-A-THON, 2ND PLACE
The Neukom Institute, Hanover NH
- Collaborated with brother to conceptualize and build an interactive digital visualization of the human ear and the theory of pitch-perception in a 24-hour competition that asked competitors to create a product that used art and technology to represent science

NEUKOM SCHOLAR
The Neukom Institute, Hanover NH
- Awarded funding to pursue faculty-advised research in the development of novel computational techniques as applied to the Sciences

WILLIAM JEWETT TUCKER DARTMOUTH PARTNERS IN COMMUNITY SERVICE GRANT RECIPIENT
The Tucker Foundation, Hanover NH
- Awarded stipend to pursue a community-service oriented internship

publications

Weiss, T., Zieselman, A., Hill, P., Diamond, S., Shen, L., Saykin, A., & Moore, J. (2015) “The role of visualization and 3-D printing in biological data mining”. BioData Mining. 8:22.

associations

STUDENT ASSOCIATION OF MEDICAL ARTISTS, member
ASSOCIATION OF MEDICAL ILLUSTRATORS, student member

programs

- 3ds Max
- ZBrush
- Mudbox
- Unity
- QuickHaptics
- Visual Molecular Dynamics
- ITK-Snap
- Adobe XD
- After Effects
- Illustrator
- Photoshop
- InDesign
- PowerPoint
- Excel

activities

MIXED REALITY LAB
(Spring 2017 - Spring 2018)
Member of mixed reality lab comprised of engineering and visualization students focused on applying AR/VR and haptics to surgical planning, training, and simulation

MICROBIOLOGY TA
(Spring 2017 - Spring 2018)
Responsibilities included giving lab content lectures, guiding experiments, and grading work for a class of 24 undergraduate students

SOCIETY FOR NEUROSCIENCE
(Fall 2013)
Attended annual meeting

SPAIN STUDY ABROAD
(Spring 2012)
Studied language, culture, and history at Universitat de Barcelona