

Molly A. Lee

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Education

University of Nebraska-Lincoln , Lincoln, NE	Aug. 2020
Master of Science in Computer Science 3.617 Cumulative GPA	
Concordia College , Moorhead, MN	Dec. 2016
Bachelor of Arts in Mathematics and Physics 3.407 Cumulative GPA, 3.0 Physics GPA, 3.5 Mathematics GPA	

Programming Skills

Languages:	Java/Spring	C/C++	C#	SQL/MySQL	MATLAB
Dev. Tools:	Git/GitHub	Unity	Adobe Photoshop	Visual Studio	Jira

Projects

Wrath of Raoden – <i>Development Lead, Raoden</i>	Dec. 2020	–	Present
-Designed and developed a roguelike mobile game in Unity within a 3-person team			
Univ. of Nebraska-Lincoln Game Development Club – <i>Cofounder/Secretary/Treasurer</i>	Sept. 2018	–	Dec. 2019
-Developed teaching materials to help others learn Unity and C# programming -Led diverse student teams to create Game Jam games from scratch in 48 hours			

Professional Experience

Technology Analyst – Accenture	Oct. 2020	–	Present
Graduate Teaching Assistant – University of Nebraska-Lincoln	Jan. 2018	–	Aug. 2020
Graduate Research Assistant – University of Nebraska-Lincoln	Jan. 2019	–	May 2020
Lifeguard –YMCA, Concordia College, Buffalo River State Park, Roseau School	July 2009	–	Aug. 2018
Swim Lesson Instructor – YMCA, Concordia College, Roseau School	May 2011	–	Aug. 2018
Deli Worker – Doug's Supermarket	Jan. 2017	–	May 2017
Observatory Assistant – Concordia College	Sept. 2015	–	Dec. 2016
Physics Tutor – Concordia College	Sept. 2014	–	Dec. 2016
Track Meet Worker – Concordia College, Minnesota State University Moorhead	Jan. 2014	–	May 2016
Math Department Grader – Concordia College	Aug. 2014	–	Dec. 2014
Undergraduate Research Assistant – NASA Space Grant, Concordia College	May 2013	–	July 2013

Research

Experience

Graduate Research – <i>MBiTe Lab, University of Nebraska-Lincoln</i>	Oct. 2018	–	Aug. 2020
- Researched collaboratively in the WetComm Project using KBase predictive biology - Compared quantum communication vs. molecular communication for master's thesis			
Undergraduate Research – <i>Quantum Tunneling Times, Concordia College</i>	May 2013	–	July 2013
- Considered the scattering of a 1D particle by two symmetrical barriers - Calculated the phase time and SWP clock time for double δ and δ' barriers			

Publications

Double General Point Interactions: Symmetry and Tunneling Times	Frontiers 2016
<i>Authors: Molly Lee, José T Lunardi, Luiz A Manzoni, Erik A Nyquist</i>	
On the Generalized Hartman Effect for Symmetric Double-Barrier Point Potentials	Journal of Physics 2015
<i>Authors: Molly Lee, José T Lunardi, Luiz A Manzoni, Erik A Nyquist</i>	

Volunteering and Community Outreach

Ministry Media Team Volunteer – The Chapel, University of Nebraska-Lincoln	Jan. 2019	–	Aug. 2020
Cornhacks Hackathon Volunteer – Cornhacks, University of Nebraska-Lincoln	Jan. 2019	–	Jan. 2020
Science Outreach Volunteer – Science Academy, Concordia College	Aug. 2012	–	Dec. 2016
Physics Outreach – STEP Grant, Concordia College	Jan. 2016	–	Apr. 2016
Relay for Life Team Member – Society of Physics Students, Concordia College	Apr. 2015	–	Apr. 2016