## **AMANDA SUTRISNO**

## ML/ SOFTWARE ENGINEER

amanda@sutrisno.me	9097061088		Nashville, TN 37203
Education —			
Vanderbilt University, Nashville PhD in Mechanical Engineering - G Due to circumstances, graduating	PA 3.7/4.0		Sep 2020 - [2023]
Singapore University of Technol Bachelor of Science in Engineering			May 2013 - Sep 2016
Work experience			
<b>Lighthouse Title Insurance Machine Learning/Software Engine</b> Built software to automatically rea		documents using NLP.	Mar 1 - Present
Vanderbilt University PHD Student/Research Assistant Developed flexible, 3D-printable, " manipulate energy without an int and reinforcement learning.			Feb 20 - Present
SUTD Singapore  Research Engineer  Designed and constructed inder of topological quantum materi Theoretical modeling of hypoth human body using spring/mas	als. Involved simulations netical wearable exoskele	in Python (Scikit learn).	Jan 19 - Jan 20 May 17 - Jan 19
Micron Technology Singapore Product Engineer Responsibilities included diagnosir NAND flash memory chips affectin			Janl 19 - Jan 20
Extracurricular activities			
<ul> <li>Quantum Computing Club - Pa and attend hackathons togeth</li> <li>Mentor for undergrad student</li> </ul>	er. Attended MIT iQuHack		ers, Sep 22 - Present Sep 20 - Present
Publications and honours			
• "How to Run 50% Faster wit	rdian.com/science/2020/r	cience Advances, 6(13), eaay´ mar/26/spring-heeled-concept-	
<ul> <li>"Imaging nodal knots in m Communications, 11(1), 4385,</li> </ul>	omentum space throu (2020).	-	
<ul> <li>A. Sutrisno and D. J. Braun, Exoskeletons", IEEE Trans. Neu</li> <li>H.F. Lau, A. Sutrisno, T. H. Ch human augmentation", IEEE In</li> </ul>	ral Syst. Rehabil. Eng., 27 ong, D. J. Braun, "Stiffne	(3), 487-496, (2019). ss modulator: A novel actuato	11033
Soft skills —		Interest —	
<ul><li>Team player</li><li>Problem solver</li><li>Mentor</li></ul>	<ul><li>Ambitious</li><li>Multitasker</li></ul>	<ul><li>Financial markets</li><li>Machine Learning</li><li>Gyr</li></ul>	
Relevant skills —			
	<ul><li>Google Cloud</li><li>Azure</li><li>JavaScript</li><li>Non-linear Opt</li></ul>		intum d State Physics