

Lucas Kjærø

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EXPERIENCE	Software Engineer in Quality August 2017-Present Designed and expanded test suites for Free File Fillable Forms, including unit, service, UI, and performance tests as the project's sole quality engineer. Participated in all aspects of migrating tax forms between different TurboTax tax engines. Developed an internal tool to speed creation of tax calculation testing.	Intuit (Via Tek-Systems) San Diego, CA
	Heinz College ITLab Fellow June 2014-August 2014 Created and deployed mobile technology to track parking lot usage in Pittsburgh with a team of information system researchers. Coursework included mathematically modeling decisions using Excel, and designing a website to disrupt the healthcare industry by organizing and providing transparent pricing information.	Carnegie Mellon University Pittsburgh, PA
PROJECTS	MNIST: Created a computer vision model to recognize handwritten digits with 99% accuracy. Model ranked in the top 36% globally of all Kaggle users. Used a Convolutional Neural Network implemented in TensorFlow. <i>Github</i>	
	Algorithmic Trading: Utilized broker's Java API to create trading algorithms. Used moving averages and other indicators to find and purchase promising stocks. Made \$10,000 (virtual) in the first day of testing. <i>Github</i>	
	Chinese Vocabulary Finder: Used open source libraries, and natural language processing algorithms to tokenize and find unfamiliar words in Chinese text to aid learning. <i>Github</i>	
	Puzzle-8: Created an object-oriented Python program to solve sliding tile puzzles with an A* search and multiple heuristics. Finds solutions with the fewest possible number of moves. <i>Source upon request.</i>	
SKILLS	Technologies (Mastery): Java, Jenkins, Python, Selenium Technologies (Experience): Django, Gatling, Keras, Scala, Scikit-Learn, SQL Technologies (Exposure): C, Javascript, Numpy, Pandas, Splunk, Tensorflow. Natural Languages: Danish (Native), English (Native), Mandarin Chinese (Working Proficiency)	
EDUCATION	Austin College, Sherman, TX Bachelor of Arts, Cum Laude, May 2015 Majors: Computer Science and Chinese	Overall GPA: 3.66 Computer Science GPA: 3.71
	HONORS Shellene Kelley Scholarship for an Outstanding Student in Computer Science 2014 Austin College Presidential Merit Scholarship Fall 2011 - Spring 2015	
LEADERSHIP	Kaggle machine learning competition, <i>Team Leader</i>	May 2017 - August 2017
	AC Day Trading Club, <i>President and Founding Member</i>	Spring 2012 - Fall 2013
	Rho Lambda Theta, <i>President</i>	Fall 2014 - Spring 2015