

Lucas Kjærø

(619) 905-1772
San Diego, CA

Lucas@LucasKjaero.com
www.LucasKjaero.com

EXPERIENCE

Software Engineer

March 2018-Present

Maintained and expanded a series of spring boot micro-services used to perform all releases in the TurboTax ecosystem, and to facilitate the automation necessary to practice continuous delivery. Owned rolling out capability to automatically redeploy all services with the latest security patches. Created data collection infrastructure to analyze the automation level of the TurboTax release pipeline.

Intuit

San Diego, CA

Software Engineer in Quality

August 2017-March 2018

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. *Github*

Chinese Vocabulary Finder: Used open source libraries, and natural language processing algorithms to tokenize and find unfamiliar words in Chinese text to aid learning. *Github*

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. *Source upon request.*

SKILLS

Technologies (Mastery): Java, Jenkins, Python, Selenium

Technologies (Experience): AWS, Django, Gatling, Keras, Scala, Scikit-Learn, Spring Boot, SQL.

Technologies (Exposure): Javascript, Numpy, Pandas, Splunk.

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

AC Day Trading Club, *President and Founding Member*

Rho Lambda Theta, *President*

Spring 2012 - Fall 2013

Fall 2014 - Spring 2015