

David Duffrin

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EDUCATION

New College of Florida The Honors College of Florida

B.A. Computer Science

August 2015 - May 2017

Graduate Coursework:

Databases · Statistical Inference · Data Visualization · Machine Learning · Algorithms for Data Science · Distributed Computing

New College does not use a GPA system. Instead, Narrative Evaluations of all courses are available upon request.

University of Wisconsin-Platteville

B.S. Software Engineering

(Transferred to New College)

August 2011 – May 2014

Nagasaki University of Foreign Studies

Cultural Exchange

March 2013 - December 2013

PROJECTS

- Thesis - Japanese Natural Language Processing
 - Using Bayesian Networks to gain intuition and estimate kanji pronunciation
- StudySubs SRS Flashcard Creator (<http://studysubs.com/>)
 - Website to upload Japanese subtitles or ebooks to create personalized SRS flashcards
 - A Python (Django) WebApp, hosted on an AWS EC2 server
 - Uses MySQL database to hold user data
- Multiplayer Monopoly Game in Java
 - A four student collaborative, semester-long project to practice the waterfall design process

WORK EXPERIENCE

Introduction to Artificial Intelligence TA

February 2017 - May 2017

- Provide office hours to answer students' questions and grade papers
- Survey course following the textbook *Artificial Intelligence: A Modern Approach*

Software Engineer Coop at Sub-Zero

January 2015 - August 2015

- Normalized MySQL database and converted VB.NET automated tests into LabVIEW
- Reverse-engineered undocumented, downed trolleys to isolate the problem and increase uptime
- Created a user-friendly GUI for reporting manufacturing issues to minimize reporting error

EXTRACURRICULAR

Dean's List

2014

International Student Club

2012 – 2014