

David Duffrin

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EDUCATION

New College of Florida

M.S. Data Science

August 2017 - May 2018

B.A. Computer Science

August 2015 - May 2017

Graduate Coursework:

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

Undergraduate Coursework:

Computer Architecture · Computer Networking · Object Oriented Programming · NLP · Linear Algebra · Data Structures

University of Wisconsin-Platteville

(Transferred to New College)

B.S. Software Engineering

August 2011 – May 2014

Nagasaki University of Foreign Studies

Cultural Exchange

March 2013 - December 2013

PROJECTS

- Japanese Natural Language Processing Thesis
 - Using Bayesian Networks to gain intuition and estimate kanji pronunciation
- StudySubs SRS Flashcard Creator (<http://studysubs.com/>)
 - A Django WebApp to upload Japanese subtitles or ebook to create SRS flashcards
- Multiplayer Monopoly Game in Java
 - A four student collaborative, semester-long project to practice the Waterfall design process

LANGUAGES AND TECHNOLOGIES

Python (Django, Numpy, Pandas, Scikit-learn) · PostgreSQL · Pig Latin (Hadoop) · R · Java · C++
JavaScript (Bootstrap/AngularJS) · Apache Spark · NLTK · AWS EC2 · Unix · Git

WORK EXPERIENCE

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