
Education

Rutgers University School of Arts and Sciences Honors Program, May, 2019

Bachelors of Science in Cognitive Science and Computer Science, GPA: 3.35/4.0

Activities & Awards: Rutgers Student Managed Fund, 1st Place PwC Consulting Challenge

Employment

Symphony Intern, New York, New York

Summer, 2016

Communications platform founded by Goldman Sachs and funded by several Wall Street firms

- Improved search by removing query inefficiencies (**30% time reduction**), and by implementing a data model that uses **80% less space** while enhancing accuracy
- Solved several security vulnerabilities and other severe bugs, while writing BDD test cases
- Won “Best Intern” and “Best Financial Services” bots at the company-wide **Bot-a-thon**

Rutgers OSS Part-time, New Brunswick, New Jersey

Spring, 2016

Primary developers for Rutgers University's services

- One of two iOS developers for the Rutgers iOS app with **thousands of daily users**

CommVault (CVLT) Intern, Tinton Falls, New Jersey

Summer, 2015

Data management, protection (security and disaster recovery), backup, and cloud storage company

- **Fully developed** a Mac application to quickly and securely back up an **entire computer** or certain directories to the cloud, listen and then upload file modifications, and handle filters
- **Devised a dynamic scanning algorithm** that takes into account the number of directories and subdirectories to determine an efficient number of scanning threads to create

Previous: Javelin Capital Markets, LLC. (New York, New York)

Summer, 2014

Projects

Bring Me Food, Android and iOS Application

2014 - 2015

A refined version of Uber for crowd-sourcing the delivery of food.

- Client chooses menu items from a restaurant and a notification is sent to drivers in the area, who can then claim the order and send delivery status updates

iMessage Analyzer, Mac Application

2015

Analyzes all of a user's messages from the database on the computer

- Shows how friendships and texting habits change over time
- Predicts how likely you are to text a person based on the time and when they were last contacted. Auto-generated replies (Machine learning – decision trees)

Tinder Bot, Python GUI

2016

A Tinder bot that does the swiping for you

- Uses OpenCV to identify the face and certain facial components, and a neural network to predict swipes based off of facial components ie. hair/eye color
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Languages & Technologies

- **Experienced:** Objective-C (Cocoa & iOS), Java (several paradigms), Python, R
- **Familiar:** SQLite, JavaScript (NodeJS & Parse), Bash, Vim, Git, LDIF
- **Java Frameworks & Projects:** Spring, Elasticsearch, JUnit, JBehave, MBean, Kafka