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## Education

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

**Bachelors of Science** in Cognitive Science and Computer Science, GPA: 3.2/4.0

**Activities & Awards:** Rutgers Student Managed Fund, 1<sup>st</sup> Place PwC Consulting Challenge

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## 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 storage system 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*

Rutgers Open System Solutions hires students to help develop Rutgers’ many 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*

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## 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

*2015*

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), Elasticsearch, Python
- **Advanced:** SQLite, JavaScript (NodeJS & Parse), Bash, Vim, Git, LDIF
- **Java Frameworks & Projects:** HBase, Spring, JUnit, JBehave, Hamcrest, MBean, Kafka