**Micah Steinbrecher**

**Contact Information Current Address**

Micah.Steinbrecher@gmail.com 323 West 96th St.

214-629-1313 New York, NY, 10025

**Education**

**Washington University in St. Louis**  St. Louis, MO

Bachelor of Science in Biology, May 2015

**Yavneh Academy of Dallas, Valedictorian May 2010** Dallas, TX

**Computer Science Skills**

Python, Javascript, Java, C#, Heroku, Postgresql, HTML and CSS

**Relevant Course Work**

Rapid Prototype Development and Creative Programming

Algorithms and Data Structures

**Past and Current Projects**

Inventory Tracker

* A prototype that helps diamond vendors maintain data on their inventories. Users create an inventory and input stone data, which gets evaluated against the Rapaport Price Index. Automates rechecking inventory value with market fluctuations, currently being used by wholesale diamond vendors.

Chorale Analyzer

* Performs a musical analysis on four part chorales. Users upload a chorale, which is cross referenced against a corpus of rules. The Analyzer returns an annotated score showing any errors in the chorale. Soon to be released on college campuses for academic use.

Multi-room Chat Server

* Users can create chat rooms, which other users are able to join. Chat rooms are optionally password protected. The chat room creator can temporarily or permanently ban users from the room.

**Job Experience**

**Zipline** Saint Louis, MO **May - August 2014**

Mobile Money Platform

*Programmer*

* + - Wrote a windows phone app allowing users to create an account, chat, and exchange money with other users
    - Created and developed app interface with a team

**Volunteer Experience**

**Books and Basketball August 2013 - May 2015**

Books and Basketball is a community service organization that provides St. Louis Public School children with an enriched academic and athletic environment.

* + - Tutor children in math and reading on a weekly basis

**Coast January - June 2014**

Coast is community service organization that provides a safe learning environment for mentally handicapped children.

* + - Engaged one on one, on a weekly basis, with a young man who has severe mental retardation.

**Other Skills**

Proficient in Hebrew EMT certified

Blues and rock guitar Classical and Jazz Pianist