

# Simon Belete

816.288.5626

<https://github.com/sbelete>

[simon\\_belete@alumni.brown.edu](mailto:simon_belete@alumni.brown.edu)

## Education

**Brown University** Providence, RI

Sep 2013 – May 2017

*B.S. Biophysics & B.A. Computer Science*

### **Edward & Elizabeth Singsen Memorial Scholarship**

- Established in 1985 for Brown University undergraduates studying medicine

## Relevant Experience

### **Biomodelling Researcher**

Dec 2016 – May 2017

*Istrail Laboratory of Brown University*

Providence, RI

- Developed an abstract model based on probabilistic methods and electron affinities to determine the binding sites for ligands and tested to be ~75% accurate.

### **Telomerase Researcher**

Sep 2015 – Jan 2016

*Neretti of Brown University*

Providence, RI

- Looked at the prevalence of telomerase related non-coding RNA with bash scripts and python programs utilizing open source tools.

### **Logistics Intern**

Jun 2013 – Aug 2013

*Quest Diagnostics Inc.*

Lenexa, KS

- Presented new scanning protocol that decreased error in handling of medical samples to managing directors and couriers from different regions.

## Projects

### **ReFa (Real or Fake)**

Jan 2017 – May 2017

[Maven: Java, JavaScript, jQuery, SQL, IBM Watson] [<https://github.com/sbelete/ReFa>]

- A Chrome Extension that uses machine learning and IBM Watson's Language Processor to predict the likelihood of an article being sensationalized.

### **Tempo**

Feb 2016 – May 2016

[Maven: Java, JavaScript, jQuery, HTML, SQL] [<https://github.com/joerromano/tempo>]

- A web app for coaches to track athletes' progression and notify them of workouts.
- Managed the databases and created the algorithm for suggesting intelligent workouts accounting for weather, coaching style, and an athlete's history.

## Languages & Tools

**Proficient** Java, Python, Maven, GitHub, JSoup

**Familiar** C, SQL, JavaScript, MATLAB, Bash, jQuery, HTML5/CSS3, Assembly