

Simon Belete

816.288.5626

<http://www.simon-codes.com/>

simon_belete@alumni.brown.edu

Education

Brown University Providence, RI

Sep 2013 – May 2017

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

CS GPA: 3.22

Edward & Elizabeth Singesen Memorial Scholarship

- Established in 1985 for Brown University undergraduates studying medicine

Relevant Experience

Computational Biology Undergraduate Researcher

Dec 2016 – May 2017

Istrail Laboratory of Brown University

Providence, RI

[Java, Python, BioJava, Jmol]

- Developed a model based on probabilistic methods and electron affinities to determine the binding sites for ligands.

Computational Biology Undergraduate Researcher

Sep 2015 – Jan 2016

Neretti of Brown University

Providence, RI

[Python, Bash, Kallisto]

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

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, Spark] [<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, Spark] [<https://github.com/joerromano/tempo>]

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

Languages & Tools

Proficient Java, Python, Maven, GitHub, JSoup, Spark

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