

JOSHUA M. BLACK

2102 North 170 West Apt. 239, Provo, UT 84604
(801) 360-6343 josh.black@byu.edu
joshmblack.com

EDUCATION

Brigham Young University, Provo UT

Senior

Graduating April 2018

- B.S., Bioinformatics: Computer Science, Biology
- Minor, Computer Science
- 3.94 GPA
- Relevant Coursework:
 - Advanced Programming Concepts
 - Discrete and Data Structures
 - Algorithm Design and Analysis
 - Computational Biology
 - Molecular Biology
 - Web Development

WORK HISTORY

Software Engineer

Podium

August 2017 – Present

- Build enterprise SaaS using ReactJS, Elixir, and Ruby on Rails

Bioinformatics Research Assistant

Brigham Young University Ridge Bioinformatics Laboratory

September 2016 – Present

- Design new organism identification software to reduce \$1000 for each identification
- Develop software packages through Bash, Python, and Java programming
- Utilize differences in homologous genes and PCR tests to distinguish between similar species

Software Engineer Intern

NUVI

May 2017 – August 2017

- Created Ruby on Rails web-applications and RESTful APIs using AGILE methodology
- Interfaced with social media platform APIs to supply profile analyses to new customers

Lead Developer: Systematic and Engaging Early Literacy (SEEL)

Brigham Young University McKay School of Education

January 2016 – September 2016

- Controlled server-side java scripting and storage implementation for over 1000 unique documents
- Enhanced SQL Database modeling and administration
- Headed SEEL Lesson Library Page design and creation using the Drupal framework with PHP

Analyst (Internship)

AnglePoint Inc.

Summer 2015

- Forensically traced sales invoices to create raw sales summaries
- Mapped database information for use in information system consultations

Branch President

The Church of Jesus Christ of Latter-day Saints, Sokcho, South Korea

October 2013 – July 2014

- Ministered to congregation of 50 through personal and family counseling
- Administrated church budget and expenditures totaling over \$4000
- Directed church activities and building maintenance

SKILLS/ABILITIES

- Java, C++, JavaScript, Python Programming, Ruby on Rails, Elixir
- Docker, HTML, CSS, PHP, RESTful Services, Drupal, Git, VBA, ASP.NET, Apache Server
- Strong SQL Database Experience
- Certified Scuba Diving, HAM Radio Operation