JOSHUA M. BLACK

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EDUCATION

Brigham Young University, Provo UT   Senior
- B.S., Bioinformatics: Computer Science, Biology   Graduating April 2018
- Minor, Computer Science
- 3.94 GPA
- Relevant Coursework:
    - Advanced Programming Concepts   - Evolutionary Biology
    - Discrete and Data Structures   - Genetics
    - Web Development   - Molecular Biology

WORK HISTORY

Software Engineering Intern
NUVI   May 2017 – Present
- Coordinate creation of product demo utilizing the Ruby on Rails framework for RESTful API
- Integrate JavaScript React Components and Facebook Graph API data

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 Java, Python, and Bash programming
- Utilize differences in homologous genes and PCR tests to distinguish between similar species

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

Web Developer
Brigham Young University Comprehensive Clinic   Summer 2015
- Worked to implement a patient management system using Microsoft Dynamic CRM
- Orchestrated website design with chief clinic therapists

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

SKILLS/ABILITIES

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