

Kristen Cockriel

Education

2012–(2017) **B.S. Bioinformatics**, *Brigham Young University*, Provo, UT.

Relevant Coursework

Biology: Bioinformatics, Molecular Biology, Genomics,
Computational Biology, Evolutionary Biology,
Genetics, Bio-Organic Chemistry

Computer: Design and Algorithms, Advanced Programming Concepts,
Data Structures, Discrete Structures

Experience

Research

2015–present **Bioinformatics Research Assistant**, *Kauwe Lab*, Provo, UT.

Analyzed genetic data with the use of multiple computing tools to identify and test rare variants associated with Alzheimer's disease; Collaborated with mentors and students to complete projects

2016 **Healthcare Registry Intern**, *Liaison Technologies*, Salt Lake City, UT.

Developed registry artifacts for three new registries and several existing registries; Designed and developed six user interfaces; Participated in design and strategy meetings to learn clients' needs and discuss ways to more effectively meet those needs

Awards and Grands

2016-2017 **Half Tuition Academic Scholarship**, *Brigham Young University*.

2016 **BYU ORCA Grant**, for \$1,500, *Kauwe Lab*, Brigham Young University.

Research Proposal: "pVAASST Analysis of Alzheimer's Disease Sequencing Project Pedigree Data"

2015 **Half Tuition Academic Scholarship**, *Brigham Young University*.

2012-2013 **Full Tuition Academic Scholarship**, *Brigham Young University*.

2012-2013 **Energy Solutions Foundation Scholarship**, *Energy Solutions Foundation*.

2012 **Half Tuition Academic Scholarship**, *Brigham Young University*.

Skills and Qualifications

Programming Languages

- Java
- Python
- C++/C#

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- Android
- SQL
- R
- Bash/Shell
- XSLT/HTML

Bioinformatics Skills

- GWAS software (e.g. Plink)
- NGS analysis tools (GATK, SAMTools, etc.)
- Statistical analysis with R
- Database management
- Command line proficiency

Languages

English **Native**
Japanese **Elementary Proficiency**

Reading, Writing, Speaking

Reading, Writing, Speaking

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