# Christopher Jensen

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## SUMMARY OF QUALIFICATIONS

Experience in object oriented programming with Java and C++, and data analysis with R. Background in mathematics and computer science through coursework. Proven leadership abilities and strong understanding of team dynamics through student tutor position, work experience, and internships. Seeking opportunities to acquire on-the-job technical and workplace skills through an intensive learning environment.

## EDUCATION

**University of California San Diego**                                        **Anticipated** December 2018
*Bachelor of Science* in **Mathematics-Computer Science.** *Minor* in **Cognitive Science**

**San Francisco State University**                                                  **Summer** 2015
*Study abroad program* **Future of the Forests**
A summer studying the ecological and social dimensions of Ecuador's biologically megadiverse forests.

## RELEVANT COURSEWORK

- Data Analysis and Modeling
- Adv. Data Structures and Algorithms: C++
- Numerical Analysis: Linear Algebra
- Compiler Design
- Operating Systems
- Software Design
- Design and Analysis of Algorithms
- Statistical Methods

## EXPERIENCE

**Research Assistant,** Ed Vul Lab, University of California San Diego                    (1/18-7/18)
- Worked with other undergraduate students to design and create a predictive model for submission in the 2018 choice prediction completion and ran participants in lab experiments
- Attended weekly training sessions with Dr. Vul to strengthen understanding of data analysis and data modeling using R, statistics, and web design

**Bioinformatics Intern,** Dorrestein Lab, University of California San Diego              (3/17-7/17)
- Worked with small team of interns to design and build modules for MZmine2 data processing software to assist the lab in mass-spectrometry data analysis
- Attended weekly meetings intended to gauge team progress and introduce the team to useful resources

**Technician**, Bitwise Computer Repair, Folsom, CA                                      (2/14-8/16)
- Diagnosed, repaired and maintained computers for individuals and businesses
- Set up hardware such as custom PC builds
- Installed and configured operating systems such as Windows, Mac OS X, and Linux
- Installed and managed computer networks
- Troubleshot hardware and software problems
- Determined clients' needs to accurately provide them with appropriate solution

**C++ Tutor**, San Francisco City College, San Francisco, CA                            (8/13-1/14)
- Guided students in comprehension of C++ programming assignments and homework during walk-in computer lab tutoring by attending to individual questions and concerns with examples
- Assisted professors in attending to groups of 15-20 students during lab sessions and collaborated with other tutors to develop challenge problems for students seeking a deeper understanding

## SKILLS/QUALIFICATIONS

- Proficient in Java and C++
- Experience working in Unix and Linux environments, and Linux shell scripting
- Effectively work within a team as well as independently with minimal supervision
- **Programming Language Experience:** C++, Java, Python, R, HTML, OCaml, Haskell
- **Tool Experience:** Android Studio, Android ADT, Eclipse, GitHub, JUnit, Jira
- **Technique Experience:** Agile software development, Software Testing, Refactoring, Design Patterns, Object Oriented Design
- **Technology Experience:** Android, Firebase, Java, Google Play Services