

# CHRISTINE SORENSEN

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## Objective

**Senior Computer Science Undergraduate** seeking **full-time opportunities**. Passionate about back-end software development. Specialized in working in a Linux environment with programming languages C++, C, and Python.

### EDUCATION

**South Dakota School of Mines and Technology**—Rapid City, SD (Graduation: **May 2016**)

Computer Science B.S. • Cumulative GPA: 3.1 • Major GPA: 3.5

#### RELEVANT COLLEGE COURSEWORK

Data Structures • Computer Organization & Architecture • Software Engineering • Parallel Computing • Computer Networks • Assembly Language • Digital Systems • Database and Management Systems • Analysis of Algorithms • Computer Graphics • Technical Communications

**University of Regina**  
*National Student Exchange*

Regina, SK, Canada (January 2012 – May 2012)

**University of South Dakota**

Vermillion, SD (August 2010 – December 2012)

### EXPERIENCE

**Black Hills Information Security** Rapid City, SD (October 2015 – Present)

Software Developer Intern

**Sencore Inc.**

Sioux Falls, SD (May 2015 – August 2015)

*World class technology company focused on innovating products and services for professional content providers to enable efficient, high quality video delivery.*

Software Engineer Intern

- Wrote a utility in Python that processed VOD streaming on Sencore's monitoring probes.
- Added an expiration license to software that monitors RF measurements using C#.
- Used JavaScript to add features on the web side of the development team's debug page.

#### Projects

- Playlist generator using C++
- Packet sending simulations using SIMSCRIPT
- Photo-manipulation program in ARM Assembly
- Entrepreneurial presentation competing for the Butterfield Cup
- Solar System simulator in OpenGL
- Microarchitecture emulator in C++

### SKILLS

**Programming Languages:** C++ • C • Python • ARM Assembly • SIMSCRIPT • C# • Common Lisp

**Database:** MySQL

**Web Application:** PHP • JavaScript • HTML • CSS

**Graphics:** OpenGL

*\*In order of proficiency*