

## Walter Schlosser

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### EDUCATION

**Colorado School of Mines (CSM)**

Golden, CO

B.S. in Computer Science and B.S. in Engineering Physics

Dec. 2015

GPA: 3.95

### SKILLS

**Languages:** Java, C++, Ruby, SQL, HTML/CSS/JavaScript

**Familiarities:** Git/GitHub, OpenGL, Unix Shell, jQuery, Ruby on Rails, PHP

**Familiar Methodology:** Agile Development, Scrum, Test Driven Development

### LEADERSHIP EXPERIENCE

**Heart & Hand / TGC Android + iOS Game** (<https://github.com/wschloss/DenverDefenders>)

*Project Leader*

*The Giving Child*

- Lead team of five students to develop a children's mobile game to promote awareness about hunger in Denver
- Mentor in good programming practices and patterns and provide code reviews weekly
- Setup weekly meetings between team and client, and take over the project after students' time ended to complete to client's specifications

### PROJECT EXPERIENCE

**Semiconductor Defect Analysis Software** (<https://github.com/wschloss/PHGN481>)

*CSM*

*C++*

- Work with team of two programmers and two physics students to develop, implement, and analyze a data fitting algorithm to determine defect energy levels in semiconductors
- Bi-weekly mentor meetings, formal documents and presentations

**Android Mobile Game** (<https://github.com/tgco/animalBook>)

*The Giving Child*

*Java*

- Work with team of four to develop a children's game which promotes awareness of struggles in third world countries
- Daily Scrum, weekly client meetings, formal documents and presentations
- Available on google play store under 'Aleksandra'

**Ask Mines Web Application** (<https://github.com/wschloss/csci446Team>)

*CSM*

*Ruby on Rails, jQuery*

- Work with team of three to develop a crowdsourcing inspired web application where students can ask and answer questions about CSM or course work
- Schema and wireframe diagrams, application demos

### SELECTED AWARDS

Phi Theta Kappa Scholar; Schowengerdt Scholarship; Dean's List

### RELEVANT COURSE WORK

**Computer Science:** Software Engineering; Data Structures; Algorithms; Principles of Programming Languages; Web Applications; Computer Simulation; Computer Organization; Operating Systems\*; Databases\*; Graphics\*; \* *course in progress*

**Physics:** Senior Design; Advanced Lab; Analog/Digital Electronics