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 *Summa Cum Laude*

SKILLS

Languages: Java, C++, Ruby, SQL, HTML/CSS/JavaScript, PHP
Familiarities: Git/GitHub, OpenGL, Unix Shell, jQuery, Ruby on Rails
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

Schowengerdt Scholarship; Outstanding Graduate: Physics; Outstanding Graduate: Compute Science

RELEVANT COURSE WORK

Computer Science: Software Engineering; Data Structures; Algorithms; Principles of Programming Languages; Web Applications; Computer Simulation; Computer Organization; Operating Systems; Databases; Computer Graphics
Physics: Senior Design; Advanced Lab; Digital Electronics