Kyle Shoemaker

kwshoemaker@lcmail.lcsc.edu | www.github.com/kwshoemaker2
826 Preston Ave Apt B Lewiston, ID 8350
208-790-7474

EDUCATION

Lewis-Clark State College

Bachelor of Science, Computer Science, December 2016

Bachelor of Science, Mathematics, December 2016

GPA: 3.76

Dean's List: Fall 2011 to Spring 2016

TECHNOLOGY

Languages: Python, C#, Objective-C, Java, C, C++, SQL, HTML, CSS

Database Systems: MySQL, SQLite

Software/Tools: Visual Studio, XCode, Git, Mercurial, Jira, Bitbucket, Confluence, Poky

RELEVANT EXPERIENCE

Software Engineer Intern   Schweitzer Engineering Laboratories   (January 2016 – Present)

- Designed and implemented development tools in Python that worked with Jira, Git, and Mercurial.
- Collaborated with other developers in an Agile environment to create an embedded Linux system using Poky.
- Performed unit, functional, and acceptance testing for own work.

PROJECTS

Lewis-Clark State College iOS App – Class Project

- Lewis-Clark State College app written in Objective-C that allows students to view campus events, access email, Blackboard, their student id card, and view campus live-streams and social media.
- Developed the front and back ends for the calendar of events occurring on campus.
- Refactored old code that organized and retrieved event data, and collaborated with another student to implement data caching for the events, which significantly sped up calendar response time.

Lurk Client and Server – **Class Project**

- Text-based multi-user dungeon game developed for my Networking class.
- Implemented a Windows GUI client in C# using Windows Presentation Foundation, which provided an interface for playing the game.
- Implemented the server in Python, which handled the game logic and used multithreading to support several players in real-time.

GUIDE – Hackathon Project

- Lightweight integrated development environment written in Python that allows users to register and use hotkeys to perform different commands and actions.
- Designed and implemented features for registering and listening for user-defined hotkeys.