Jacob Hittinger

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Skills
Programming Languages: Java, C, C#, SQL, Android, Python, Visual Basic
Software: Eclipse, Visual Studio, Android Studio, MySQL, AWS, Code::Blocks, Microsoft Office

Projects
Team Lead, Eastern Washington University (EWU) Computer Science, Cheney, WA, January 2017 - Present
- Develop an Image Explorer/Photo Collection Management software on team of three.
- Manage a database to house information pertaining to the images and tags associated with them.
- Incorporate Google Maps for location based tagging.
- Implement a server to synchronize the collection and its data across multiple devices simultaneously.
- Construct an intuitive graphical user interface, test, troubleshoot, and maintain SRS documentation.
- Utilize MySQL, Java, JavaFX, and JavaScript for development of a cross-platform solution.

Developer, EWU Computer Science, Cheney, WA, June 2016
- Produce a chat room system for use on a local network.
- Deploy pthreads and sockets to maintain chat rooms which cooperate with a specified number of connected clients.
- Written in C, for a Linux environment.

Programmer, EWU Computer Science, Cheney, WA, April 2016
- Re-create Bash, the Unix shell.
- Implement functionalities such as cd, history, path, piping, wc, and background execution, via C, in a Linux environment.

Education
BS in Computer Science, EWU, Cheney, WA, December 2017
Member of the National Society of Collegiate Scholars

Experience
Programming Tutor, EWU Department of Computer Science, Cheney, WA, September 2016 - Present
- Tutor 10+ CS students on a daily basis.
- Facilitate the learning process of fundamental topics in Python, Java, C, and MySQL.
- Display step-by-step instruction, give critical feedback, and review homework.
- Manage computer lab; enforce policies, maintain an operational and organized working environment.

Office Aide, EWU Department of Engineering and Design, Cheney, WA, September 2015 - Present
- Maintain paperwork involving budgets, purchasing, book orders, personnel access cards, and payroll action forms.
- Refer students to helpful resources and materials around campus.

Broadcaster, EWU Hockey Club, Cheney, WA, October 2015 - Present
- Stream EWU hockey games to an online audience, as well as record for team review.
- Camera operation and general system troubleshooting.

Affiliations
Cyber Security Club, EWU Department of Computer Science, Cheney, WA, April 2017 - Present
Hockey Club, EWU Recreation, Cheney, WA, September 2014 - Present