Resume for Christopher R. Wolf

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Education
Western Carolina University

Bachelor of Science in Computer Science — Expected May 2020
Bachelor of Arts in Music Education — May 2015

Related Work Experience

Computer Science Tutor — January 2019 - present
- Taught the 150 and 151 Lab Projects
- Tutor students individually as they encounter difficult material
- Provide a workshop for beginning students covering topics such as: vim, tmux, and basic Linux commands

Software Development Intern at {SAW} Software — May 2019 - August 2019
- Assist in the development of new features for clients
- Assist in sprint planning and dissection of user stories
- Participate in weekly reviews and retrospectives

Director of Bands at Southern Lee High School — July 2016 - June 2018
- Prepare band, choir, and orchestra programs for concert performances
- Educate 9th-12th grade students according the North Carolina State Standards for Music Education

Relevant Projects

- Grade Database – Bash, AWK, LaTeX
  - Bash Script that allows a user to generate a gradebook database
- Multi-player Battleship – socket programming, TCP Network Protocol, threading,
  one server managing multiple clients
- Chess-Meister – Factory and Observer Design Patterns, JavaFX GUI Development
  - Basic Chess application played in a GUI environment
- Simple Language Interpreter – C Programming Language, Lexical Analyzer, Parser
  - A syntactical analyzer that could read and compile basic mathematic operations
- Agile Development Board – Web Development, Long-term Agile Practices, Software Architecture
  - A project management board that allows users to track progress

Additional Qualifications and Interests

- Programming Languages:
  - Proficient Languages: Java, JavaScript
  - Familiar Languages: Python, C
- Experience in Agile Development Strategies and
  Philosophies such as SCRUM, Kanban, and Test-Driven Development
- Experience in Linux command line environments
- Member of the 2019 WCU Competitive Programming Team
- Interest in Open-Source Software
- Interest in Command Line Tools such as vim, tmux, etc.