

STEPHEN BOYER

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SKILLS & QUALIFICATIONS

Technical

- Linux, Windows, MacOS
- MySQL, PostgreSQL, MongoDB
- Java, C++, Python, C, Bash, Shell
- Javascript, CSS, HTML, jQuery

Personal

- Adaptable to diverse work environments including WFH
- Excellent written and verbal communication, time management

Projects

Infrared remote control system

Designed a system for emulating a TV remote control with an Android-based application and two external devices. An Android app running on a phone communicates with a Linux-based server over WiFi via a RESTful API designed in Python. Commands are transmitted over 433MHz radio-frequency (RF) communication to a battery-powered device containing an IR receiver and emitter. Buttons on the Android app cause the corresponding IR code to be transmitted, controlling the TV.

EDUCATION

University of Wyoming

2015

Bachelor of Science in Computer Engineering

EXPERIENCE

Freelance Full-stack Developer

Jan 2017 - Present

Full-stack Developer

Built a web store for a small business using Square checkout APIs, Heroku, Spring MVC, MongoDB, Thymeleaf, and JQuery (AJAX). Store is designed to be used on any device independent of screen resolution.

Language I/O

May 2015 - November 2016

Software Engineer, Full-stack development

Cheyenne, WY

- Took part in a development team building a web application used for translating text to different languages
- Used technologies including MySQL, Java Enterprise Edition, JPA, JSP, Javascript, jQuery, and Glassfish server
- Implemented REST APIs for connecting to Salesforce, Oracle, and translation services provided by Google, Microsoft, and others
- Worked closely with clients to establish problem specifications and system designs
- Performed technical support and troubleshooting with customers

Cheyenne Technology

April 2013 - August 2014

Software Development Intern (Remote)

Cheyenne, WY

- Completed website updates (remotely) for various clients and resolved numerous problems in Java support software