Ryan Erickson

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Software Development Engineer

Recent computer science graduate with a proven track record of requirement analysis, solution delivery, and efficient troubleshooting in the telecom industry. Passionate, self motivated developer and hard working employee transitioning from the front lines of telecom to his true calling, software engineering.

Key Strengths

Clean Architecture	Project Documentation	Customer Relations
Test-Driven Development	Business-First Approach	Effective Communication
Object-Oriented Design Patterns	Accuracy Under Pressure	Team Leadership / Training

Education

B.S., Computer Science, Western Washington University, Bellingham, WA, 2017
- Elective Work: Android Development, Embedded Systems, Linear Optimization, Machine Learning

Projects

Piggy
A TCP/IP message passing application with a terminal gui which mimicked Telnet functionality
Implemented user driven connections, data filtering, character stripping, and logging
Developed from scratch with the C sockets library and an MVC-ish architecture

P.O.D.
A six member effort which developed a distributed, networked experiment monitoring system
Personally advocated for OOD and Agile methodologies, increased group participation by 200%, created hardware prototypes, implemented i2c sensors and camera capabilities

BizBuddy
A native android application developed for a small family owned business' invoicing needs
Completed UI to PDF capabilities and utilized Google's Material Design standards
Currently refactoring to adhere to clean architecture to allow for a greater feature set overall

Toolkit

C	Java / C#	Python
TCP/IP	MySQL	MongoDB
*nix Shell	Android	TensorFlow / scikit-learn

Work Experience

Retail Sales Associate, T-Mobile, 2013 - Present
- Excelled at interfacing with customers and coworkers in a goal oriented atmosphere
- Created on the fly solutions for customers which maximized all parties interests
- Studied corporate operating procedures, communication and leadership techniques

References available upon request.
Thank you for your consideration!