

Ryan Erickson

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Software Development Engineer

Aspiring full stack developer with a proven track record of requirement analysis, solution delivery, and efficient troubleshooting in the telecom industry. Passionate, hard working team player with a diverse employment history transitioning from the front lines of telecom to his true calling, software engineering.

Key Strengths

Clean Code	Enthusiastic Learner	Customer Relations
Project Documentation	Business-First Approach	Efficient Communication
Test-Driven Development	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 (C)	TCP/IP message passing application with ncurses interface which mimicked Telnet functionality Implemented UI, user driven connections, data filtering, character stripping, and logging Gained invaluable experience developing a large project with a low level toolkit (C sockets)
P.O.D. (Python)	A six member effort which developed an embedded, 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 Laid the foundation for a nearly fully automated, custom plant experimentation unit
BizBuddy (MEAN)	MEAN stack web app under development for a small family owned business' invoicing needs Priorities include minimizing cost and maximizing ease of use for the non technical users Success measured in system cost, uptime, and reduction to creation time per invoice

Toolkit

C	Java	Python
*nix Shell	Javascript	HTML / CSS
MongoDB	Android	TensorFlow / scikit-learn

Work Experience

Mobile Expert, T-Mobile, 2013 - Present

- Excelled at interfacing with customers and coworkers in a goal oriented atmosphere
- Crafted on the fly solutions for customers which maximized all parties interests
- Studied corporate operating procedures, communication and leadership techniques

References available upon request