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# Ryan Erickson

Software Engineer

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## ABOUT

As a child, I spent a generous portion of my time disassembling household electronics to see how they worked. Now, as a twenty five year old professional in the cellular industry, and a bachelor of computer science, I have become much more focused on putting things together. In my free time, I can often be found tinkering on a vehicle or attending a local comedy show.

## TOOLKIT

Operating Systems: Android, Linux ( Fedora, Ubuntu, Raspbian ), Windows

Languages: C, Java, Python

[ On my radar: Javascript, Go ]

Databases: MySQL, MongoDB

Networking: TCP/IP

## EDUCATION

### Bachelor of Science in Computer Science - Bellingham, WA

Western Washington University, June 2017

Intense exposure to everything from algorithms and C programming to Android and machine learning has prepared me to tackle a balanced variety of technical challenges and solutions.

Notable projects include:

**Piggy** (C, TCP/IP, Linux) - A networked message passing app built with the C socket library

**Stock Seer** (MySQL, Java) - A big data strategizer which interfaces with a database of stocks

**RGBAnn** (RobotC, Lego EV3) - An embedded artificial neural net which uses gradient descent or genetic algorithms to classify "Robot Colors" (RGB inputs) with "Human Color" labels.

**P.O.D.** (Python, C, Raspbian) - A distributed, networked monitoring system developed for WWU's biology department to automate/observe an array of Arabidopsis plant experiments.

## EXPERIENCE

### Retail Sales Associate - Factoria/Bellingham/Bellevue, WA

T-Mobile, June 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
- Developed a deep understanding of all major mobile operating systems
- Admired the enterprise level technology used in day to day ops from a technical view
- Studied corporate operating procedures, communication and leadership techniques

## PERSONAL PROJECTS

**BizBuddy** - A custom, native Android app to handle invoicing for a small family owned business.

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