

# Ryan Phillips

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*Software Engineer*

## Education

2010–2014 **Bachelors of Computer Science**, *Oregon State University*, Corvallis, OR, 3.3/4.0.

## Technical Experience

### Have Worked Extensively With

languages SQL, C#, Python, Javascript, HTML, CSS, Java, C, C++, L<sup>A</sup>T<sub>E</sub>X, Mathematica, Matlab  
technologies SQL Server, Visual Studio, Sublime, Unity3D, jQuery, Windows, Linux, OS X, C4D, Microsoft Office, Libre Office

### Have Experience With

languages Assembly, SASS, PHP, Haskell, Prolog, AS3, BASIC  
technologies Git, Django, MySQL, AJAX, Flash, Eclipse, Bootstrap, Photoshop, Bash Scripting

## Relevant Coursework

### Oregon State University, Corvallis, OR

computer science Intro to C Programming, Intro to Computer Science I & II (Java), Data Structures, Computer Organization and Assembly Language Programming, Databases, Operating Systems I & II, Software Engineering I & II, Computer Networks, Programming Language Fundamentals (Haskell), Artificial Intelligence, Algorithm Analysis, Computer Architecture, Translators/Compilers, Theory of Computation  
physics Modern Physics, Symmetries & Idealizations, Simple Harmonic Oscillations, Periodic Systems, Static Vector Fields, 1D Waves, Quantum Measurements and Spin, Scientific Computing (Python), Analog and Digital Electronics  
engineering Statics, Electrical Fundamentals I - III, Digital Logic Design, Statistics  
mathematics Differential Calculus, Integral Calculus, Vector Calculus, Applied Differential Equations, Vector Calculus I & II, Linear Algebra, Infinite Sequences and Series, Discrete Mathematics I & II, Numerical Analysis

## Experience

### Relevant

2015 **Developer and Research Assistant**, *DemandLink*, Salem, OR.

Continued previous responsibilities along with taking lead solo development on new products. Helped train new developers. Collaborated with lead researcher on AI design & implementation.

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🌐 [www.rmkp.me](http://www.rmkp.me)

- 2014 **Software Engineer Intern**, *DemandLink*, Salem, OR.  
Maintained legacy SQL DBs/codebases and .NET sites for business analytics/intelligence SaaS (with an emphasis on forecasting & replenishment). Implemented and tested new features for existing software. Designed & coded both in-house and client-facing products.
- 2012–2014 **ECampus Student Worker**, *Oregon State University*, Corvallis, OR.  
Created digital content and tools for online chemistry courses - including animations, videos, flash, and basic software.
- Miscellaneous**
- 2008–2012 **Box Mover and Yard Truck Driver**, *Lowe's RDC 1436*, Lebanon, OR.  
Moved many, many boxes and drove and parked trailers full of many, many boxes.
- 2006–2008 **Professional Musician and Merchandise Manager**, *The Send*, Nashville, TN.  
Played keyboards for touring band and managed merchandise.

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## Interests & Hobbies

- Music composition
- Photography
- Road trips
- Playing piano & drums
- Hiking & Biking
- Making & playing videogames

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## References

### **Dr. Robin Cross**

Research Director

DemandLink

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### **Dr. Marita Barth**

Chemistry Professor

Oregon State University

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