Ryan Phillips

Software Engineer, Computer Scientist, Web & Mobile Developer

▬ Education

2010–2014	**Bachelors of Computer Science**, *Oregon State University*, Corvallis, OR, *3.3/4.0.*
2004–2006	**Associate of the Arts**, *Linn Benton Community College*, Albany, OR, *3.65/4.0.*

▬ Technical Experience

Have Worked Extensively With

languages	SQL, C#, Python, Javascript, HTML, CSS, Java, C, C++, LaTeX, 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 major new products. Collaborated with lead researcher on AI technology designs & implementations (genetic programs and artificial neural networks).

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 prototypes for both in-house and client-facing products. And since we were a fairly small team, I had many more related-responsibilities, too many to list here.

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**, *Lowes 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.

2005–2006   **Miscellaneous Work Study**, *LBCC*, Albany, OR.
Worked as a librarian and a janitor.

2003–2005   **Customer Service**, *McDonalds*, Sweet Home, OR.
Helped customers, made food, cleaned, and did cash administration.

Interests & Hobbies

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

References

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