Bryan A. Ehrlich

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EDUCATION

2012: Graduated from Purdue University with a B.S. in Computer Science

WORK EXPERIENCE

2012-Present: Senior Software Engineer at FactSet Research Systems.

Current: I am primarily a full stack developer working with: C#, HTML5/Javascript, ASP.NET/WebAPI, and SQL Server. I am also the "Tech Lead" for a group of 12, and directly managing 2 engineers in Norwalk and 2 in Hyderabad, India. Responsibilities include: Keeping a variety of sites operational (both internal and client facing), code review, day-to-day mentoring/assisting in problem solving for direct reports, designing infrastructure for new projects, and individual-contributor code projects.

Past: Senior software engineer on the "DevOps" team. DevOps brings together the development team and the operations team. In this role I was the lead for several projects: New build and deployment system built on TFS, FileStore (file storage web service similar to Amazon S3), an internal Chrome Extension store, along with a variety of maintenance and R&D projects.

If you would like to see more details on my project work, or technology experience see the "experience" section of bryanehrlich.com.

2011: Internship with FactSet Research Systems. Created a reverse AJAX 'push' server using a custom built WebSocket server along with supporting javascript. Gained experience with the .NET environment, C#, HTML5, jQuery, and revision control.

2010-2011: Undergraduate teaching assistant for CS 159, CS 177, and CS 191 at Purdue University. Responsiblities include: Teaching a weekly lab, grading weekly assignments, and assisting in maintaining various course scripts. Courses are taught in C and Python.

OTHER ACTIVITIES AND RECOGNITIONS

2012-2013: Stripe Capture the Flag (CTF) 2 and 3 winner. Stripe CTF is a series of programming challenges, if you complete all of the challenges you "capture the flag". CTF 2 was focused on web security (XSS, timing attacks, hash extension attacks, etc.). CTF 3 was about distributed systems. Out of the 7,500 people that signed up for CTF 3 only 216 finished, I was #25 to capture the flag. More info: https://stripe-ctf.com/

2011-Present: Working on side projects and contributing to open source projects outside of work. Created a real time chess game and installed it on an Amazon EC2 instance. Added windows compatibility to crx (a chrome extension packer for node) https://github.com/jed/crx.