

Joseph Dye

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Software Engineering

- Seeking a Software Development opportunity starting Summer 2016

Technology Summary

- Experience with Ruby, Java, Grails, Cucumber, Android, Informatica, SQL, Python, C, HTML/CSS, BASH
- Solid understanding of Object Oriented programming, design patterns, and data structures
- Proficient use of Windows, OS X, and Linux systems

Work Experience

Nationwide Insurance -- Columbus, OH

Software Developer Intern, Summer 2014, Summer 2015, Spring 2016

- Project management, leadership, and development on a team developing a Grails web application
- Development on a data warehouse team doing data migration and automated testing with Ruby/RSpec
- Development on a small team using Ruby, Perl, Informatica
- Development on a small team using Grails, Cucumber, and Watir
- Experience in Agile work environment involving requirements gathering and lifecycle tracking

OSU Wexner Medical Center -- Columbus, OH

Clinical Apps IT Intern, February 2015 - May 2015

- Performed QA and data analysis for clinical apps team, utilizing Epic's healthcare software

Education

The Ohio State University -- Columbus, OH

Bachelor of Science in Computer Science & Engineering (BSCSE), Expected Graduation: May 2016

- Senior Software Engineering Capstone Design Project (in progress):
 - *Project Scope: Ecological Activity Android app that records user fitness data, performs ecological cost-savings algorithms, and displays data in graphs to user. User's data is persistent and progress is tracked over time.*
 - *Tools: Android Studio, MS Azure, Google Fit, Java, git*

Courses Completed:

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| • Java Programming & Data Structures | • Software Engineering Process Management |
| • Mobile Software Engineering (Android) | • Enterprise Software Overview |
| • Object-Oriented Design | • Software Quality Testing |
| • Database Management Systems | • Network Security |
| • Information Security | • Artificial Intelligence |
| • Assembly Language Programming | • Video Game system design |
| • Computer Organization and Architecture | • Engineering math and physics sequence (Calculus, Discrete Math, Linear Algebra, Logical Proofs) |