

# LYLE FRANKLIN

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## EXPERIENCE

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### INTERACTIVE INTELLIGENCE

#### Application Developer

Indianapolis, IN

Dec. '12 - July '13

- ◆ Design and implement internal business tools used by hundreds of employees
- ◆ Rapid prototyping, quickly implementing new features and bug fixes based on user feedback
- ◆ Full-stack development: SQL, server-side ASP.NET MVC and C#, JavaScript frameworks, CSS

### UNIVERSITY OF ILLINOIS

#### Undergraduate Researcher Intern

Urbana-Champaign, IL

May '12 - Aug. '12

- ◆ Develop refactoring plugin for the NetBeans IDE
- ◆ Plugin accepted as official patch to NetBeans' source code
- ◆ Demo presented at International Conference on Software Engineering '13
- ◆ Paper accepted at European Software Engineering Conference '13

### VIRGINIA B. BALL CENTER

#### Technical Lead

Muncie, IN

Jan. '12 - May '12

- ◆ Collaborate with an interdisciplinary team of students to create an online game for the Indianapolis Children's Museum
- ◆ Student-driven studio learning, work from 8 to 5 Monday through Friday for a full semester
- ◆ Develop game with Unity3D, participate in daily Scrum meetings, and utilize Test-driven development

### UNIVERSITY OF NOTRE DAME

#### Undergraduate Researcher

South Bend, IN

May '11 - Aug. '11

- ◆ Develop data visualization tool in Java for use by professors of computer science and sociology
- ◆ Use agile development to implement updates based on feedback from users
- ◆ Compete with eight other groups in a final poster competition, awarded first place

## EDUCATION

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### Univ. of Southern California

#### M.S. in Computer Science

Spec. in Software Engineering

Expected Graduation: Dec. '14

GPA: 4.00

### Ball State Univ.

#### B.S. in Computer Science

Minor in Foundations of Business

Graduated: Dec. '12

GPA: 3.95

## SKILLS

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### Languages:

Java, C#, JavaScript (Backbone, Knockout), SQL, ASP.NET MVC, HTML, CSS

### Interests:

Scrum, Extreme Programming, TDD, Software Econ., Project Management

## RECOGNITIONS

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- ◆ First place, CCSC-Midwest '12 programming competition
- ◆ First place, CCSC-Midwest '12 research poster session
- ◆ First place, Notre Dame REU '11 poster competition
- ◆ Third place, CCSC-Midwest '11 programming competition
- ◆ Ball State Presidential Scholarship
- ◆ Clinton F. Fuelling Memorial Scholarship
- ◆ Applied Science & Tech Scholarship

## PUBLICATIONS

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- ◆ Crossing the Gap from Imperative to Functional Programming through Refactoring. In Proc. - ESEC/FSE '13.
- ◆ LAMBDAFICATOR: from imperative to functional programming through automated refactoring. In Proc. - ICSE '13.
- ◆ Empirical Research on the Effectiveness of Morgan's Raid. In Proc. - GLS '13.