

# ALEX POGUE

## SOFTWARE ENGINEER

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## EDUCATION

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Bachelor of Science in Computer Science (May 2015)

### Iowa State University

- **GPA:** 3.70 / 4.0
- **Relevant classes:** Data Structures, Algorithms, Adv. Programming Techniques

## PROFESSIONAL EXPERIENCE

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### Software Engineer (June 2015 – current)

IBM (Rochester, MN)

- Integrates InfoSphere Streams cloud service with other cloud services via REST.
- Drives improvements to the service and troubleshoots service outages.
- Generates tutorial articles to communicate new features to customers.

### Software Engineer Intern (May 2014 – July 2014)

Garmin (Olathe, KS)

- Extended capability of a legacy C++ application to import 79 new map file types.
- Integrated an open source geospatial library into existing code.
- Collaborated with internal users to get feedback on usability and workflow.
- Devised and followed a Kanban workflow amidst unspecified methodologies.

### Software Engineer Intern (May 2013 – October 2013)

Workiva (Ames, IA)

- Developed the Adobe Flex front end of a cloud-based platform in ActionScript 3.
- Engaged in effective agile development on a team practicing Kanban.
- Completed five development tickets during a two-week long architectural change.
- Quickly learned and mastered new development tools (ActionScript 3, Git, JIRA issue tracker, Bamboo build system, Charles web debugging proxy).

## RELEVANT SKILLS

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**APIs:** Google Web Toolkit, Google AppEngine, Android, iOS, OpenGL/GLUT, SDL

**Languages:** C++, C, Java, Python, ActionScript 3, Objective-C, HTML, JavaScript, PHP

**Development tools:** Visual Studio, Xcode, Eclipse, IntelliJ, Git, Unix command line

## ACTIVITIES AND INTERESTS

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Learning about and developing emerging technologies.

**Open Courses:** Stanford - iOS Coding Together, MIT - Computational Thinking

**Clubs/Activities:** Hackathons, ACM, Information Assurance Group

**GitHub:** [github.com/alexpogue](https://github.com/alexpogue)