

ALEX POGUE

COMPUTER SCIENCE UNDERGRADUATE

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311 Maple Friant, Ames, IA 50013

EDUCATION

Bachelor's of Science in Computer Science (May 2015)

Iowa State University

- **GPA:** 3.67 / 4.0
- **Relevant classes:** Data Structures, Algorithm Design and Analysis, Advanced Programming Techniques, Calculus 3

PROFESSIONAL EXPERIENCE

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).

Residence Hall Community Advisor (January 2014 - current)

Iowa State University (Ames, IA)

- Encourages resident growth by organizing programs and promoting leadership.
- Collaborates with other staff members to help residents at the hall desk.
- Ensures a safe, friendly community conducive to a productive life on campus.

RELEVANT SKILLS

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

Learning about and developing new technologies, game engines, and APIs.

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

Clubs/Activities: Hackathons, Game Development Club, Entrepreneur Club, ACM, Information Assurance Group, Computer Science Club

GitHub: github.com/alexpogue