

# ANDREW BOWLER

ajbowler@iastate.edu  
1-641-814-6441

<http://ajbowler.github.io/website>

## SKILLS

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**Languages:** JavaScript, C/C++, Java, HTML, SQL, Python

**Libraries and APIs:** Android, Node, jQuery, Bootstrap, React, WebGL, Three.js

**Software:** Office, Git, Eclipse, Android Studio, IBM software, Music Player Daemon

**Other skills:** Scrum Master, Git repo manager, strong verbal/written communication

## PROFESSIONAL EXPERIENCE

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### Application Developer Intern - New Business Program

June 2015 to August 2015

#### Principal Financial Group - Des Moines, IA

- Developed and tested user interfaces and database utilities for IT users on a scaled agile team
- Created an email service for a life insurance E-signature service
- Designed and presented a revamped retirement plan selection tool with a responsive interface on a team of 7 interns to glowing stakeholder reviews
- Coordinated with QA testers and other scaled agile teams during post-production fixes

### Application Developer Intern - Distributed App Hosting

May 2014 to August 2014

#### Principal Financial Group - Des Moines, IA

- Developed and tested enhancements for an existing customer configuration tool based on user stories.
- Created an award-winning video game with other interns promoting company recruitment.
- Deployed numerous web infrastructure monitoring systems to manage various business needs.
- Coordinated with business units on routine tasks, including decommissioning of legacy servers and updating shell scripts

### Kitchen Staff

May 2012 to January 2014

#### Hy-Vee - Ottumwa, IA

- Cleaned and operated kitchen equipment, cooked and served food to customers.

## EDUCATION

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### Iowa State University

May 2016 (expected)

Ames, IA

#### Bachelor of Science: Software Engineering

GPA: 3.03

**Relevant coursework:** Data Structures, Databases, Digital Logic, Computer Architecture, Discrete Computational Structures, Computer Graphics, Software Dev Practices, User Interfaces, Software Design, Music Technology, Public Speaking

**Activities:** Game Development Club, Computer Science/Software Engineering Club

### University of Birmingham

Birmingham, United Kingdom

#### Study Abroad:

Studied abroad during Spring 2015

## PERSONAL PROJECTS

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- **GitHub:** ajbowler
- Shake Off, hackathon Android minigame utilizing Venmo API
- Jamory, songwriting Android utility for saving musical ideas on the fly - **ongoing**
- M14, web browser music player built for MPD protocol

## AWARDS

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- 1st place, Recruiting Gamification, Principal Intern Code Jam, 2014
- Alpha Lambda Delta, Phi Eta Sigma Academic Honors, 2013