ANDREW BOWLER

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GitHub: ajbowler
Portfolio: http://ajbowler.github.io/website

SKILLS

Languages: Java, C/C++, C#, JavaScript, HTML, SQL, Python
Libraries and APIs: Node, jQuery, Bootstrap, React, Jade, JSP, WebGL, Vis.js, Three.js, XNA/Monogame, WebSphere, Polymer, Web Speech

Software: Windows/Linux, Office, Git, Eclipse, Visual Studio, IBM software, JIRA, Trello, Maven, Music Player Daemon, Unity
Other skills: Scrum Master, Repository Manager, strong verbal/written communication, business requirements documentation

PROFESSIONAL EXPERIENCE

Academy Software Engineer   June 2016-Present
Cerner Corporation - Kansas City, MO
- TBA

Application Developer Intern - New Business Program
Principal Financial Group - Des Moines, IA
- Coded and tested user interfaces and database utilities for IT users on a scaled agile team
- Contributed to development of an email service for a life insurance E-signature service
- Designed and presented a revamped retirement plan selection tool on a team of 7 interns to glowing stakeholder reviews. Played the roles of Scrum Master and Front End Developer

Application Developer Intern - Distributed App Hosting   May 2014 to August 2014
Principal Financial Group - Des Moines, IA
- Developed and tested enhancements for a WebSphere Application Server customer configuration tool based on user stories
- Front-end developed and presented an award-winning video game with other interns promoting company recruitment.
- Deployed numerous web infrastructure monitoring systems to manage various business needs.
- Coordinated with IT business units on routine tasks, including decommissioning of legacy servers and updating shell scripts

EDUCATION

Iowa State University   ***May 2016***
Ames, IA
Bachelor of Science: **Software Engineering**

University of Birmingham
Birmingham, United Kingdom
Study Abroad:
Studied abroad during Spring 2015

PROJECTS - ALL ON GITHUB

- **SynthePizer:** HackISU Spring 2016 hackathon project. Musical instrument powered by a Raspberry Pi, played with a BoogiBoard tablet and an Adafruit LED Matrix.
- **Graphalyzer:** Senior Design Project for Workiva. Graph Visualization and Analysis web browser tool for Big Data.
- **Voice-A-Sketch:** HackISU Fall 2015 hackathon project. Etch-A-Sketch powered by your voice utilizing Web Speech API and Polymer
- **Shake Off:** WildHacks 2014 hackathon project, Android minigame utilizing Venmo API
- **M14:** web browser music player built for MPD protocol using React, Node, and a Java REST service. Played the roles of Front End Developer and Repository Manager in a group of 4. Started as school project, became personal.

AWARDS

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