

Andrew Bowler

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WORK EXPERIENCE

CERNER, Kansas City, MO

Software Engineer | Jun 2016 - Present

- Created a clinical charting form builder for hospital administrators, using a Ruby on Rails frontend and multiple Java REST microservices for the backend
- Spearheaded the transition of the Nursing Dev org's UI models into open source React components
- Served as a mentor through Cerner's software engineer training program by teaching new associates best practices, and how to be a successful engineer at the company
- Conducted client investigations for production issues, identified and fixed defects, and reviewed test plans, requirements, and technical feasibility with our solution designers and test analysts

PRINCIPAL FINANCIAL GROUP, Des Moines, IA

Application Developer Intern | May 2014 - Aug 2015

- Two summer internships
- Developed and tested enhancements for a WebSphere Application Server customer configuration tool based on user feedback from a previous release
- Front-end developed and presented an award-winning video game video game with other interns promoting company recruitment

EDUCATION

IOWA STATE UNIVERSITY, Ames, IA

B.S./Software Engineering, May 2016

UNIVERSITY OF BIRMINGHAM, Birmingham, United Kingdom

International Exchange Program, Spring Semester 2015

TECHNICAL PROFICIENCIES

- Java
- ReactJS, Three.js, various other JavaScript UI libraries
- Ruby on Rails
- Python
- C#
- Strong unit and automated feature testing skills
- JIRA, Git, Crucible, MS Office

OTHER INTERESTS

- Video game development, some experience with the Unity and Monogame C# engines
- Audio recording and processing, having experience with various digital audio workstations and musical instruments