Andrew McKittrick

1803 Laramie Street, Manhattan, KS 66502 • (913) 687-6479 • amckit@ksu.edu

Kansas State University, Manhattan, KS

B.S. in Computer Engineering   GPA: 3.96
Minors: Computer Science and Business   Expected Graduation May 2018

Professional Experience

Cerner Corporation – *Software Engineer Intern*   Summer 2016
- Coordinated with solutions designer, team architect, technical project manager, engineers and interns on a team of 20+ members in charge of a web application with over 210,000 lines of code
- Fixed bugs, refactored code and developed features for the web application, automated deployment ruby gem and various other projects across multiple teams
- Worked with all team members on aspects including story planning, weekly and monthly story reviews, code reviews, technological verifications and software development

Choice Solutions – *Intern*   Summer 2015
- Designed, deployed and produced a computer monitoring system to cover 22 metrics for 1000 computers and servers at 20 clients in seven states
  - Presented project in an online web conference to multiple representatives from companies around the country and documented the base code for use and development at these companies
- Researched, designed and configured a fully redundant computer log collection, management and analytics system utilizing six virtual servers

Technical Skills and Relevant Courses

- Data and Program Structures, Logical Foundations of Programming, C/C++ Language Laboratory
- Microcontrollers, Design of Digital Systems
- Ruby on Rails, Ruby, C#, Java, C++, RSpec, Atom, Visual Studio, Eclipse
- Agile development methods – Scrum, Weekly story reviews, Kanban, Bi-weekly deployments
- Code reviews, Technological verifications, Git, JIRA, Chef, Jenkins, Unit testing, Lint
- Enterprise level network management, security and storage

Personal Projects and Links

- Designed website based on open source template and created all graphics for successful Student Body   2016
  President and Vice President campaign – www.vanrankenkennedy.com
- Worked on a team of four Cerner Interns in a weeklong hackfest to develop a health-based team   2016
  application – in charge of iPhone application development and Ruby on Rails web application development, in addition to helping create overall project concept – www.github.com/HealtheBeacon

Campus Leadership and Involvement

Student Alumni Board, K-State Alumni Association   2015-Present
Student Governing Association, Kansas State University   2014-Present
- Technology Director – Student Body President's Cabinet
- Vice Chairman of the Senate Operations Committee, Communication Committee, Infographics Chair
- College of Engineering Senator – elected by Engineering Students

Theta Xi Fraternity, Kansas State University   2014-Present
- Executive Board, Secretary, Kitchen Manager and Technology Committee Chair
- Two-time Outstanding Chapter Member, one of three selected by other chapter members

Flint Hills Bread Basket, Manhattan, KS   2014-Present
- Weekly Volunteer at a local food pantry

Ambassador, College of Engineering   2015-2016

Honors and Awards

- Phi Kappa Phi   2016-Present
- Garmin Electrical and Computer Engineering Scholarship   2014-Present
- Computer Engineering Sophomore Student of the Year   2014-2015