Ken Kohl

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OBJECTIVE To obtain a technical internship that takes advantage of my growing programming skillset before graduating in December of 2017

EDUCATION Iowa State University   August 2013-Present

- Bachelor of Science in Software Engineering
- Classification: ***Senior***
- Expected graduation: **December 2017**
- Core GPA: ***3.41***

TECHNICAL SKILLS Programming Languages

JavaScript, Java, C, JQuery, Git, Rails, HTML, CSS, MIPS, Anltr, AngularJS, JUnit, Jasmine, Scala, Postman, Android, Verilog, Python, SQL, and Ruby

Development Environments

Eclipse, InteliJ, Webstorm, RubyMine, Notepad++, emacs

Relevant Coursework:

Object oriented programming, Intro into database systems, Embedded systems, Operating systems, Network Security, Algorithms

INTERNSHIPS Cerner Corporation: *Software Engineering Intern*   June 2016-August 2016

- Updated Rails/JavaScript/CSS UI app to interact with database via AJAX
- Developed Java server code to support big data groupings
- Wrote unit and functional tests in Jasmine, Scala, Junit, and Postman

PROJECTS Performance Livestock Analytics: *Senior Design*   August 2016 - Present

- Developing an IOS app to perform market analysis on customer cattle farms

Midwest Hackathon: *HackISU*

- Built pedometer integration game to track smartphone step counter   Fall 2015
- Collaborated on programming team to build minesweeper in Java Swing   Spring 2013

JAVASCRIPT

- Application to display and monitor health stats of patients in hospital setting
- Web application that used genetic algorithms to solve classic traveling salesman problem

JAVA

- Built an interactive android app to track user activity
- Wrote Wikipedia graph crawler that finds the shortest path between pages
- Developed recursive searching/sorting algorithms using advanced data structures
- Programmed a file scanner and parser

C

- Built Arduino Esplora programs that interacted with hardware components
- Designed embedded systems infrastructure on a Roomba robot