



# Kaitlyn Dornbier

Software Engineer

## software experience

Web Development Intern, Java-based Web Development  
Motorola Solutions, Inc., Summer 2015  
Create web tools for inter-departmental communication  
Complete **full life-cycle** of organizational web tool for factory floor

Software Engineering SEPP Intern, Objective-C HMI Devices  
Rockwell Collins Inc., Summer 2014  
Controlling and **documenting** development-stage alternate-input devices  
Coordinate novel **gesture-recognition** pairings and functionality

Teaching Assistant, Beginning C Programming  
University of Iowa, Spring 2012 - Present  
Assist student with programming concepts and comprehension  
**Communicate** with students on individual problems and understanding

Senior Engineering Group Project, WalkThru iOS Application  
University of Iowa, Spring 2014  
Development in Xcode for user-driven virtual tour application  
PHP backend and objective-c structure for application

Software Engineering Project, Surveyed Android and iOS Application  
University of Iowa, Spring 2014  
**Project manager** for cross-platform application for visual social polling

Software Engineering Intern, Java, Ruby, and Sinatra Programming  
Bio::Neos Inc, Summer 2013  
Upgrade company's rsync backup system  
Debugged and improved client database and webpages

Android App Group Group Project, Sophomore Programming  
University of Iowa, Fall 2012  
**Lead group** project for simple database and Android application

## course highlights

Database Systems	Software Development	Algorithms
Human Factors	iOS Development	Communication Networks
Embedded Systems	Data Mining	Logic in Comp. Science

## leadership & extracurriculars

Cheerleading Squad Member, Captain  
University of Iowa, Fall 2011 - Spring 2015

Kappa Alpha Theta Member, Scholarship Director  
University of Iowa, Fall 2010 - Spring 2014

Children's Hospital Volunteer Program, Perky Mascot  
University of Iowa, Fall 2012 - Spring 2015

Rho Lambda Honor Society, Vice President  
University of Iowa, Spring 2012

## contact

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## education

MS Computer Engineering  
University of Iowa  
May 2016

BFA Graphic Design  
University of Iowa  
May 2016

BS Electrical and  
Computer Engineering  
University of Iowa  
May 2014

## software

██████████	C
██████████	Java
██████████	Obj-C
██████████	C++
██████████	Javascript
██████████	Ruby
██████████	HMTL/CSS
██████████	MySQL

jQuery, MATLAB, Python,  
PHP, Sinatra, ColdFusion