

# JACOB LONG

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## SKILLS & ABILITIES

- Proficient with Java, C#
- Experience with HTML, SQL, .NET, JavaScript
- Development Environments: Windows, Visual Studio, Eclipse

## EDUCATION

### IOWA STATE UNIVERSITY – AMES, IA

Graduation May, 2017

- B.S. in Software Engineering
- 3.39 GPA

### WAUNAKEE COMMUNITY HIGH SCHOOL – WAUNAKEE, WI

Graduated June, 2013

- Coursework focused on Computer Science and Engineering
- 3.53 GPA
- Graduated cum laude

## EXPERIENCE

### GITHUB ACCOUNT – [github.com/jakelong95](https://github.com/jakelong95)

#### PROJECTS

- Daybreak – Group hackathon project for HackISU. Created a 2D survival game using Java and the Slick2D library. I worked on the custom game engine.
- Access++ – Group hackathon project for HackISU. Created a Chrome extension to make AccessPlus, Iowa State's student information tool, more user friendly. I worked on displaying the user's schedule on the class registration page.
- Board'Em – Classroom group project for Software Development Practices. Created matchmaking system for board games written in Java, using Firebase and Dropwizard. I worked on implementing endpoints on the server.
- Solipstry Character Creator – Individual project for friend's role playing system. Created a system to generate a playable character based off of the user's choices. Implemented using C# and the .NET framework.

#### SENIOR DESIGN PROJECT

- Coffee bean subscription service aimed at increasing profitability of small coffee roasters
- I will be working on the backend server

### SOFTWARE TEST INTERN, THOMSON REUTERS

Summer 2016

- Increased unit test coverage using C# with Selenium
- Exceeded goal of 500 unit tests

### CASHIER, LOWES

Summer 2015

### CASHIER/BAGGER, COPPS GROCERY

Summer 2014

## LEADERSHIP

- Secretary for Brown House, Helser Hall
- Secretary/Treasurer for Science Club in high school

## ACTIVITIES

- Volunteer work
  - Freshman move in crew at Iowa State 2014 and 2015
  - Prairie restoration project
  - Mentored middle school students interested in engineering