

# JACOB WATERMAN

(jacob-waterman.com)

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## EDUCATION

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**University of Illinois**  
*Bachelor of Science, Computer Engineering*

Urbana-Champaign, IL  
Spring 2016

**University College London**  
*Study Abroad*

London, UK  
Spring 2014

## WORK EXPERIENCE

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**DOW Chemical**  
*Intern – Software Engineer*

Champaign, IL  
Summer 2015

- Worked on a web app that lets clients view over 30,000 paint panels being tested worldwide
- Developed a responsive front end for several pages including the app's home dashboard
- Utilized KnockoutJS and DurandalJS to make reusable widgets to display custom data
- Responded to changing client requirements using agile development and scrum methodology

**Platform Health** (*platformhealth.co*)  
*Startup - Web Developer*

Champaign, IL  
Summer 2015 - Present

- A cloud platform for you to manage your personal health records
- Received \$10,000 in funding from UIUC iVenture Accelerator
- Currently in development using MeteorJS framework with Node.js and MongoDB

**College Works Painting**  
*Intern – Branch Manager*

St. Louis, MO  
Summer 2013

- Managed my own small business with 10 employees and over \$34,000 in revenue

## PROJECTS/COURSEWORK

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**MapsPlay** (*mapsplay.meteor.com*)  
*Personal Project*

Champaign, IL  
Fall 2015

- Game where the user is dropped in a random Street View instance and must guess their location
- Developed using Google StreetView/Maps API and Singleton based design pattern

**Pinterest Clone** (*jh2oman-pinterest.com*)  
*Personal Project*

Champaign, IL  
Fall 2014

- Created a fully responsive Pinterest clone using Ruby on Rails MVC framework
- Implemented user authentication, sessions, image upload, RESTful API

**Data Structures, Algorithms and Models of Computation**

Champaign, IL

## SKILLS

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**Web:** JavaScript | HTML | CSS | KnockoutJs | AngularJs | Node.js | MeteorJs | Ruby on Rails

**Other:** C | C++ | Java | x86 Assembly | SystemVerilog