# Kyle Levy

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## Objective

Computer engineering student seeking full-time employment in the field of software engineering starting Summer 2019.

## Education

The University of Iowa, Iowa City, IA                                    Anticipated Graduation Date: May 2019

 Anticipated Degree: B.S. Computer Engineering
 Minors: Math and Computer Science
 Overall GPA: 3.13

## Relevant Classwork and Skills

- **Relevant Classwork:** Software Engineering Project, Artificial Intelligence, Database Systems, Software Engineering Languages & Tools, Fundamentals of Software Engineering, Introduction to Software Design, Algorithms, Data Structures, Embedded Systems, Computer Architecture and Organization
- **Programming Languages:** Java, Ruby, Python, JavaScript, C++, PHP, C, MATLAB, Assembly
- **Tools:** Git, Rails, JetBrains Suite, Android Studio, JavaFX, Netbeans, mySQL, AWS, Zenhub
- **Currently Learning:** OCaml, Django

## Project Experience

### Emotions of Twitter

- Website that provides users to create an account to search and save a graph of specified twitter users sentiment on specified topics.
- Written in Ruby on Rails, as well as used Javascript

### Weight Lifting Calculator

- Android application that provides the user the ability to easily find the right weights to do their next lift..
- Written in Java, available on GitHub as well as the Google Play Store.

### Election Simulator

- Web application that simulated an election system in the United States that has the ability to create and manage elections and their results.
- Written using JavaScript and PHP, and utilizes mySQL, available on GitHub

### Temperature Box

- Group project that using a Raspberry Pi 3 and a temperature sensor, wirelessly communicated with a Java server on a PC to receive and graph 300-seconds of temperature data.
- Raspberry Pi 3 software written in Python, Graphing server software written in Java, available on Github

## Current Projects

### Cardiology Procedure Roadmap MGMT

- HIPAA compliant web application to track, manage, and create analytics about patients for the University of Iowa Hospital Cardiology Department.
- Built with Django, Bootstrap, Javascript, Travis-CI, and deployed to AWS