

## **Code First: Girls Advanced Python Outline (Summer Intensive 2015)**

### **Session 1: Basics of Python, Part 1**

- What is Python
- Basic usage, printing, comments, pip

### **Session 2: Basics of Python, Part 2**

- Conditional statements, comparison operators
- Logical operators, boolean logic
- Intro to arrays, iteration, lists of data

### **Session 3: Flask, GET/POST requests**

- Flask, GET & POST requests
- Returning HTML from the server

### **Session 4: Using external APIs**

- Sending e-mails using Mandrill
- Building a simple sign-up form which will trigger an e-mail send via our Flask app
- Getting data from Twitter & displaying it