Workshop Topic Wish List

In May 2015 I asked the group for suggestions about what topic they would like to have covered in future workshops. Here are the suggestions given, in no particular order:

### From Nick Olsen:

**JavaScript Skills:**

* **JavaScript Unit Testing**
* **Front-end frameworks (Angular, Backbone, React)**
* **JavaScript on the Backend (NodeJS, SailsJS)**
* **Rewriting jQuery Plugins in vanilla JS -- review and contribute to the work done at microjs.com)**
* **JavaScript animation libraries, e.g., GreenSock, svg.js**

**Related Skills**

* **Lean Startup Principles -- beyond theory, how do we go about creating useful things**
* **Google Analytics**

**Support Tools**

* **Consider using a proposal voting tool like** [this](https://trello.com/b/r5R1JZNO/treehouse-javascript-content-roadmap) **at Trello.com**

### **From John O’Connor**

**Node Skills**

* **Has offered to put together materials on node.js testing using mocha.**
* **Provided** [a link](https://github.com/sax1johno/CIS-67_web_development_node) **to his Node.js course materials and** [a link](https://sites.google.com/site/joconnorcis67/home) **to the course syllabus.**
* **Would like workshop other Hode.js course materials with our group.**

### **From Josiah Mory**

* **Using objects, prototypes and constructors in a practical way**

### **From Mike Axtman**

**Fundamentals**

* **Recommends creating problem solving exercises for new developers that focus on basic coding and logic skills including** 
  + **recursion,**
  + **nested loops,**
  + **closures,**
  + **dynamic and lexical scoping,**
  + **the call stack,**
  + **declarative and impetrative programming**
  + **basic JS design patterns**

**Advanced Techniques**

* **Recommends special attention to some of the tougher concepts like**
  + **anonymous functions,**
  + **callback functions --especially with asynchronous, and cover promises too**
  + **using native array methods to avoid endless loops**

**Other**

* **Use common support technologies**
  + **begin using Git and a public repo like github.com**