

6.470

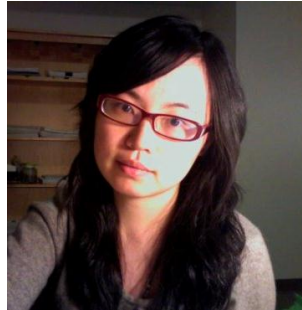
Web Programming Competition

Welcome Lecture

Meet the Staff



Joe



Ying



HaoQi



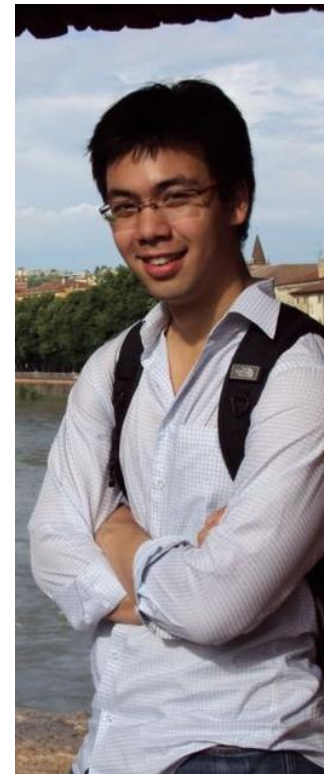
Yafim



Victor



Greg



Cai

6.470 Outline

1. Challenge Announcement
2. Lectures
3. Milestones
4. Final Submission
5. Present to Judges
6. Awards Ceremony

Today's Outline

- Challenge Announcement
- Lecture: Web Development Overview
- Lecture: HTML
- Lunch
 - Opportunity to find teammates!
- Lecture: CSS
- Find teammates!

The Challenge

- Theme
- Technical requirements
- Milestones

Theme I: Jobs

Build a site that connects people to jobs.

Theme I: Jobs

- ✓ Site that lets people build a simple professional/resume Web page
- ✓ Site that helps companies receive job applications.
- ✓ Site that helps students discover companies, and keep track of job applications
- ✓ Site for anonymously sharing salary and candid opinions about their employers

Theme II: Games

**Build a site that helps people play
games they like.**

Theme II: Games

- ✓ Site that asks users for their game preferences, and suggests new games
- ✓ Site that helps users find game partners, based on their preferences and performance
- ✓ Site that keeps track of people's scores in the tournaments they play in
- ✓ Site for organizing board game parties; helps communicate logistics, manages guest list

Theme II: Games

X Site that displays scores for this season's football matches

- The application doesn't help people play football or any other game.

X Turn-based strategy game, such as Farmville

- The application doesn't feature other games, and doesn't help people play them.

Technical Requirements

- Basic requirements
- Non-trivial content
- Efficient presentation
- Legal and academic integrity

Basic Requirements

- Dynamically generated, database-backed pages
- Personalized experience based on user accounts
- Original design and implementation

Content Requirement

Have ***one*** of the following.

- Large pre-loaded dataset
- Large pre-generated dataset
- 3rd-party data access

Efficient Presentation Requirement

Implement ***one*** of the following.

- Data visualization
- Dynamic filtering

Legal and Academic Integrity

- Proper user of intellectual property
- No old or proprietary code
- No plagiarism
- No straight-forward evilness

Milestones

- 3 milestones, 1 / week
- Online submission
 - Saturday, 7pm
 - PDF document with answers to questions
- Checkoff meeting
 - Sunday, 2-6pm, W20-575 Athena cluster
 - Quick demo, answer staff questions

Last Milestone

- Meet technical requirements → 6 units of credit for 6.188 for entire team
- Meet technical requirements + match theme → qualification for competition
- Qualification → cannot change idea or remove features used to qualify

Final Submission

- Tuesday 1/25, 7pm
- No code changes
- OK to restart frozen processes
- OK to use admin console to change database
- OK to use and share application

Present to Judges

- Finalists will be notified by 1/26, 12:01am
- Finalists have opportunity to meet judges
 - Pitch site idea
 - Short demo
 - Answer questions
- Optional but strongly recommended

Awards Ceremony

- Finalists must be present to win
- Surprise prizes, also must be present to win
- After ceremony, everyone is allowed to make code changes again

6.470 Web Programming Competition

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- E-mail: 6.470-staff@mit.edu
- Emergency: (646) 434-8887

- Facebook: <http://facebook.com/mit6470>
- Twitter hashtag: #mit6470
- Twitter support: @mit6470