Yukang Yang
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OBJECTIVE

Seeking a software engineer summer internship focused on front-end development

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, College of Computing   **Atlanta, Georgia**
Bachelor of Science in Computer Science   **2015**
- **Year:** Junior
- **GPA:** 3.75

PROJECTS (for more information, please refer to the Git repository)

- Flappy pipe: a HTML5 game in which you need to fly the pipe as far as you can without hitting a bird. Support all modern web browsers, IE10, and mobile devices.
  {Demo: http://zjhzyyk.github.io/flappy-pipe/}

- Developed a Pacman game for GBA in C. Besides basic logic of the game, I also wrote a min-heap and used Dijkstra algorithm for AI of the game. To compile and run, follow instructions in Github page.{https://github.com/zjhzyyk/gba-pacman}

- Used classification algorithm to label semantic roles in English sentence and got about 80% accuracy.
  {https://github.com/zjhzyyk/semantic-role-labeling}

- Used d3.js to draw function graph
  {Source code: https://github.com/zjhzyyk/simple-d3-demo
   Demo: http://www.prism.gatech.edu/~yyang367/math2605/}

- Programmed a Prezi-styled slide maker by Javascript and CSS3 animation. The idea is to show an outline in the screen and when you click on a slide, the canvas will zoom to the slide. You can edit in-line which means what you see is what you get. The application uses local storage.
  {Source code: https://github.com/zjhzyyk/slide-maker
   Demo: http://www.prism.gatech.edu/~yyang367/slide-maker/
   Example slides: http://www.prism.gatech.edu/~yyang367/slide-maker/example}

- Developed the back-end and the data persistence part of a lost and found Android application with a four-person team.

- Developed a blog system with Model-View-Controller architecture by Ember.js, Express.js and Mongodb. Features:
  1. anti xss and csrf   2. user authentication
  3. pagination   4. in-line editing (what you see is what you get)
  {Source code: https://github.com/zjhzyyk/ember-blog
   Demo: http://yukang.info}

- Developed a Backbone preloader which preloads underscore template at server side so make application by Backbone.js more friendly to search engine.

WORK EXPERIENCE

- OpenSpan Inc. Jan. 2014 - May. 2014
  Develop web application with Rails and Javascript

SKILLS

C, Java, Python, Javascript, CSS, SASS, HTML, Jquery.js, Bootstrap, Mongodb, Grunt, Git, Linux

Awards

- 3rd place at Georgia Tech station in ACM-ICPC Southeast Regional - 2012
  Solve algorithm problems using C
- 3rd place in Windward AI competition - 2013
  Develop intelligent agent that chooses the best transportation route for a bus

Affiliations

Georgia Tech Programming Team

- Compete in programming competitions representing Georgia Tech