Joshua Dong

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Summary

- Looking for a challenging summer internship for 2015 where I can learn something new
- Experience in artificial intelligence, web development and leading projects (https://github.com/JDong820)

Formal Education

International Baccalaureate (IB) program (Westwood high school)　　2009-2012
- IB research paper: *Approaches to Artificial Intelligence in Real-Time Strategy*
  Available at: http://tinyurl.com/DongEE

University of Texas at Austin　　2012-2016
- Cockrell School Electrical Engineering major
- IEEE:CS project manager, former webmaster
- Undergraduate research (Ourly app development)

Experience

RTS AI Development　　2010-2012
- Led team as primary coder for the 2011 AI for Interactive Digital Entertainment Starcraft AI competition
- Competed in the Dortmund University of Technology's CIG 2011 Starcraft AI competition (4th place)

RetailMeNot, Inc. Summer Internship　　2013, 2014
- Implemented machine learning spam filter for user-generated content
- Implemented REST API backend for Disqus-like commenting system

Ourly (app development)　　2013-2014
- Team lead as integration supervisor and project manager
- Flask, PostgreSQL, Android, Node.js, MongoDB development

www.GoldenPhoenix.asia　　2014
- Storefront web catalog for parent's small business
- CSS, HTML, Flask, PostgreSQL, PHP development for a mobile compatible website

MIT Battlecode　　2014
- Competitive AI programming against MIT students (battlecode.org/contestants/user-profile/jdong/)
- Java programing (vector fields, genetic algorithm parameterization, OOP design, A*)

Relevant Skills

Languages and libraries
- Core: Python, C, C++
- Familiar with: PostgreSQL, Javascript, Java, CSS, HTML, MySQL
- Have used: Flask, SDL 1, SDL 2, OpenGL, OpenGL, nginx

Environments
- Vim, JetBrains, Microsoft Visual Studio, Eclipse
- Experience in Arch Linux, Debian, Ubuntu, Windows 7, and OSX

Miscellaneous

- American Mathematics Competition (AMC) 2011 qualified for AIME
- 2011, 2012 Rice Math Tournament: 1st place proof writing, 2nd place overall
- High school breakdance club president and founder
- Active stackexchange user, with 204 rep on Area 51 and 176 rep on Stack Overflow