Caoxingming
the creator of taijilang

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Self Description

I have a dedicated disposition, can adhere to the objective with immense zeal after having make any decision.

I knew the computer and began to be intersted in it when I was a child. I had the opportunity to study computer science when I was applying for university in 1989. I have learned and worked on computer technology uninterruptedly since I went to the university. When I was working for my master'degree, I decided to research on natural language programming, and I have kept up exploring this field till now. In 2007, I had a chance to get in touch with some Internet companies, and that triggered my Internet mind. After that, I began to research natural language programming based on web technologies. Afterwards I had got some paid for my research. I developped the dao system, peasy, and taijilang, which were put on the github.

I found more and more happiness in programming with age, because I am exploring my favorite fields, I can implement my idea faster with better tools and better skills than before.

The projects I have developped

released to the public

taijilang：a new programming language with some important new features.

peasy: demonstrate a simple but powerful to implement parser

dao: a functional logic solver and compiler, with builtin parser

- dao: python version, only interpreter was finished.
- daonode: node.js version(code in coffee-script)

twoside: a module of 100loc/1kb to make modules can be used in both server side and client side.

splitter: a simple multiple panes splitter directive for angular.js, based on bg-splitter.

private projects

seer：a general information system for personal, based on internet website, development with python(started with zope, switched to web2py afterwards) + html/css/javascript. Not fully finished yet.

hopen：a prototype system for my solution to natural language programming.

technical abilities

english capablity：CET 6; experienced readablity on english document, api, artilcs, blog, stackoverflow，google groups; skills to search google on english web sites

VCS: svn, git and github

back end: node.js, express.js, mongodb/mongoose, passport.js, websocket, socket.io

front end: angularjs, jquery, jade, css, sass

test, workflow, package manager: qunit, karma，mocha，jasmine, chaijs, selenium+protractor, gruntjs, gulpjs, travis-ci, bower, npm

pythong framework and libraires: zope, web2py, nltk

skilled languages: C/C++, python, javascript, coffee-script, taijilang

familiared languages: lisp, scheme, haskell ,rebol, golang

expectation on my job

industry：internet/mobile internet/e-commerce

job title：senior software engineer, system designer，front end developer, natural language process engineer, search engineer

educational background and work experience

1989-1993：bachelor in computer science of National University of Defense Technology

1994-1997：master of artificial intelligence of Radar College of Air Force

1993-1994，1997-2009: teatcher and researcher in First Aviation Institute of Air Force

2009-2013：research on natural language programming in full time on my own