

Lin Dong

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Objective

- Seeking a full-time software developer position in XXX.
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Experience

- **Georgia Tech** **Atlanta, GA**
Teaching Assistant of Objects and Design *Aug. 2014 - Current*
 - Directed students to work collaboratively in agile using *Pivotal tracker*, *Git*, *Gradle* and *JUnit* tests.
 - Analyzed scenarios/use cases, class design/CRC cards and UML diagrams
 - Evaluated *Java FX* GUI application with design patterns.
 - **Synappio Email Validation** **Atlanta, GA**
Software Developer & Quality Assurer, Intern *May 2014 – Aug. 2014*
 - Worked in a startup with agile development. Designed and developed functional tests.
 - Integrated python *behave* with *phantom* headless browser to write automated scripts to test browsers behaviors using *selenium*.
 - Developed UI unit tests in *CoffeeScript* using *sinon*, *mocha*, *chai* libraries to test Models and Views.
 - **Glimmer Glass Optical Cyber Solution** **Hayward, CA**
Software Developer, Intern *Aug. 2013 – Dec. 2013*
 - Developed 90% of Restful APIs in Java Spring for connecting to switches.
 - Tested with unit and functional tests for API calls with 100% coverage.
 - Built both Java GUI and CL applications to manage Simplex and Duplex connections.
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Education

- **Georgia Institute of Technology** **Atlanta, GA**
College of Computing, B.S. Computer Science *Dec. 2014*
 - Concentrations: *Networking* and *System Architecture*
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Skills

Languages: Java, Python, C/Objective C, JavaScript/CoffeeScript, HTML/CSS, MongoDB, \LaTeX
Tools: Git/SVN, Vim, Eclipse/IntelliJ, Selenium, CasperJS, Brunch, Chrome DevTools, Wireshark, Vagrant
Frameworks: Sphinx, Backbone, Chaplin, Angular, Sinon, Chai, Mocha, Unittest, Mock, Nose, Java Spring

Projects

- **BitTorrent Client**
Implemented by using Python
 - Implemented bittorrent protocol level(4) on top of TCP/IP to download distributed files.
- **Humor Genome**
Implemented using Python, JavaScript, MySQL
 - An intelligent rating system for humors that used Python and Django for the back-end and web framework (server side), and MySQL to store all of the database entities.
- **Dynamic VLAN Management**
Implemented by using Pyretic
 - A grad level SDN project that substitute VLAN tags at switch level(2) to eliminate the end-to-end VPN protocol.

- **Regex and LL1 Parser**

Implemented by using Java

- Built regular expression parser and extended to any LL1 recognizable languages.

- **GTPort**

Implemented by using PHP & MySQL

- Registration system for students and faculties. Designed and used for students to register classes and find tutors. Faculties can pass/reject students registration requests based on majors and assign tutors to their teaching classes.

- **Farmer's eComm**

Implemented by using JSP & Servlet

- Farmers can use this web to buy/sell their seeds by exchanging information and sending message via the web.

- **Path Searches**

Implemented by using Python

- Implemented DFS, BFS, Prim, Kruskal, and Dijkstra Algorithms

- **Tetris**

Implemented by using Java

- A java GUI tetris has the features that pause, save/load.