

# 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*
    - Design softwares using systematic tool *UML*
    - Collaborative working environment of *pivotal tracker*, *Git*
    - Writing GUI based application using *Java FX* with automation tool *Gradle*
  - **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. 2014*
    - Developed Restful APIs in Java Spring for Switches to manage Simplex and Duplex connection
    - Tested on both unit and functional tests for API calls with 100% coverage
    - Created both Java GUI and CL applications to use APIs
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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,  $\text{\LaTeX}$   
**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

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## Projects

- **BitTorrent Client**  
*Implemented by using Python*
  - Implemented bittorrent protocol layer(4) on top of TCP/IP.
- **Dynamic VLAN Management**  
*Implemented by using Pyretic*
  - Software Defined Network project to substitute VLAN tags at switch level 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.