

# T I A N Y A N G ( A N D R E W ) Z H O N G

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## EDUCATIONS

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**Boston University, School of Art and Science**, Boston, Massachusetts

Expected Graduation: 2017 May

*Bachelor of Art in Computer Science*

Cumulative GPA: 3.3      Academic GPA: 3.5

Activities and Honors: Dean's list Spring 2014, Dean's list Spring 2015

I am currently seeking for full-time job or internship, with hands-on software development experience in Java, PHP. Also has experience in HTML 5 and CSS. I am now very into android development and have implemented multiple android projects.

## WORKING EXPERIENCE

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### **MetLife Insurance**

June 2016 – August 2016

*Software Engineer Intern*

- Inspected and analyzed a new JAVA framework using Spring-MVC, Shiro, mybatis and quartz with the Architect team.
- Developed an online shopping demo site with the same framework stated above as back end. Used Bootstrap to build front end.
- Inspected PASS system with other group mates and completed the sequence chart for the system.
- Joined the design of the new system CCS -- A system that will be made for the call center of MetLife.

### **Aurorasoftware**

July 2015 – August 2015

*Web Developer and Server Administrator Intern*

- Implemented a user login function for a JAVA based online application to accomplish the main use case
- Learned HTML5 and CSS while building up my demo.
- Worked with the technical director to document the project implementation

### **Academic Team Projects**

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*Interpreter and compiler building project*

Spring 2015

- Managed a team of 5 to create the interpreter and compiler for a C-like computer language.
- Implemented the parser, empowering the language with the ability to conduct mathematical operations.
- Create the boundary test for the compiler and interpreter, fixed more than 20 corner cases in syntax.

Relevant Coursework: CS320(Concepts of Programming Languages)

*Personal site "Nap Map":*

Fall 2015

*[www.napmaps.com](http://www.napmaps.com)*

- Designed the architecture of the web site, built project development plan and carried out the project implementation by using PHP
- Set up cloud based AWS web server along with MySQL database server
- Improving the front-end design by applying new elements of HTML 5 on my old version.

Relevant Coursework: CS411(Software Engineering)

*Android Project "Hurry Up!":*

Fall 2016

*Github link*

- Study OAuth, Firebase and AsyncTask outside the class and applied them on this project
- Implement and design the Login activity for the application to enable users to login using their Google or Facebook accounts
- Implement the key features of the application make sure it can keep pulling information from Firebase.
- Collaborate with other teammates implemented the Geofencing features of the application.

Relevant Coursework: CS591(intro to Android development)

## SKILLS

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*Courses and projects:*

JAVA enterprise-level project, PHP project, Server and database maintenance, compiler and interpreter project, distributed system class-project with Golang. Front-end developing using HTML5 and CSS, Android developing.

*Language:*

Fluent in spoken and written English and Mandarin