

Chao-te (Andrew) Yang

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EDUCATION

Boston University

Boston, MA

M.S. in Computer

January 2014

- **Relevant coursework:** Software Engineering, Cloud Computing, Advanced Java Programming, Enterprise Application Development, Unix System Programming
- **Activities and societies:** Boston University Taiwanese Student Association

Yuan Ze University

Taoyuan, Taiwan

B.S. in Industrial Engineering

June 2009

EXPERIENCE

BU Taiwanese Student Association

Boston, MA

Webmaster & Student Officer

April 2013 – May 2014

- Maintained the association's website, assisted in student activities and campus career fair
- Improved over 500 lines of existing JavaScript and jQuery code for better readability and extensibility
- Design and implemented back-end programs to parse data from the association's remote MySQL and automatically convert to well-formatted CSV/Excel/PDF report using Java and open source APIs

SOFTWARE PROJECTS

BaybioManager

April 2014 – Present

A back-end desktop application designed for parisgoshop.com that provides system admin the ability to establish connection between remote datasource and local ERP system, manage transaction records, and monitor inventory status. Technologies used: Java, Swing, OpenERP Java API.

Wretch Downloader

December 2013

An online photo album downloader for wretch.cc that can batch download user's publicly visible albums based only on user's account ID. Technologies used: Java, jsoup.

MySurvey

September 2013 – December 2013

A web application to create, take and analyze online surveys designed for data analysts or users that are collecting data from a specific group of survey-takers with pre-fabricated tools. Technologies used: PHP Yii Framework, MySQL, JavaScript, Highcharts API.

MapReduce Focus Area Detector

July 2013 – August 2013

A program combines image processing with Hadoop that can detect and highlight in-focus area of the input images in parallel. Technologies used: Java, AWT, Hadoop, MapReduce

Interactive CPU Scheduling Simulator

September 2012 – December 2012

A web application with interactive UI to simulate the CPU scheduling mechanism in modern operating systems for instructional or research purposes. Technologies used: JavaScript, Bootstrap

SKILLS

- **Language (proficiency):** Chinese (native), English (professional working), German (elementary)
- **Programming:** Java, C/C++, Android, JavaScript, jQuery, PHP, Java EE, JSP, JSF, EJB3
- **Database:** MySQL, PostgreSQL, JDBC, PL/SQL, Oracle Database 11g
- **Other knowledge:** Unix, Hadoop, Mahout, MapReduce, AWS EC2 / S3, Git, JUnit, Selenium, Agile development, 3ds Max, 3D Modeling/Rendering, GUI Scripting, Shell Scripting, AngularJS