


ANDY YIN

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4A Computer Science
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Work Experience

Software Engineer (Internship) | Toast, Inc.

Sept 2016 - Dec 2016

- Investigate and fix bugs on enterprise software, used by customers
- Extended discounts functionality from items to menus and groups
- Developed robust JSON serialization and deserialization foundation for objects

Web Developer (Internship) | Kik Interactive, Inc.

May 2015 - May 2016

- Implemented front-end administrative dashboard with responsive widgets in AngularJS
- Developed critical Node.js middleware for controlling user spam and user authorization
- Created text response systems that handled over 15 concurrent requests per second on Google AppEngine

CS 135 Instructional Support Assistant (Internship) | University of Waterloo

Sept 2014 - Dec 2014

- Presented weekly tutorials to audience of minimum 30 students
- Improved visual consistency and functionality of course website
- Mentored students and improved their understanding so they can help other students

Technical Skills

Frameworks & Other Technical Skills

- | | | | |
|-------------|---------------|--------------|-----------------------|
| • CSS | • Bash | • NDB | • Flask |
| • HTML | • Android | • Redis | • Node.js |
| • jQuery | • Illustrator | • MySQL | • Express.js |
| • Bootstrap | • Photoshop | • MongoDB | • Play Framework |
| • AngularJS | • Logic Pro X | • PostgreSQL | • Regular Expressions |

Code Deployment

- AWS
- Heroku
- Google AppEngine

Communication & Languages

- English
- Mandarin (spoken only)

Programming Proficiency

- | | |
|------------|-------|
| C | ★★★★☆ |
| C# | ★★★★☆ |
| C++ | ★★★★☆ |
| PHP | ★★★☆☆ |
| Java | ★★★★★ |
| Python | ★★★★★ |
| Lisp | ★★★☆☆ |
| JavaScript | ★★★★★ |

Beginner - Expert

Projects

TallyPost | Social Polling Platform

Feb 2015

Project Page: <https://tally-post.herokuapp.com>

- Create a simple multi-answer poll that users can quickly vote on, and share on other social platforms
- Allow users to participate in a further discussion through TallyPost's comments board

Miscellaneous

Volunteering & Extracurriculars

- Hack the North Mentor & Company Sponsor for Kik (Sept 2015)
- UW Acapella Club

Awards & Recognition

- Winner of Kik Hackathon (Jan 2015)
- 2nd place in Simcoe County Regional Science Fair, Computer and Engineering division (Mar 2010)