

# Ian Macalinao

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## TECHNICAL SKILLS

(in order of proficiency)

**Languages:** Java, JavaScript, HTML/CSS, PHP, Python, Ruby

**Technologies:** Node.js, AngularJS, Gradle, jQuery, \*nix, Maven, Git, Vim, MySQL, MongoDB, L<sup>A</sup>T<sub>E</sub>X, Redis

## EXPERIENCE

### Software Developer Intern

June 2014 – Present

Oakwood Software

- Developed an AJAX file upload system using jQuery and PHP, replacing a 10-year-old legacy system

### Founder

June 2011 – September 2014

Bireosoft

- Created scalable modifications for various Minecraft servers with thousands of players, including Vox Populi, GTAHub, and New Liberty
- Reverse engineered obfuscated Java via reflection and a decompiler, enabling previously impossible game features

### Webmaster

2006 – 2012

M & R Consulting Services, Inc.

- Created a denial management workflow system to handle sourced appeals for denied cases
- Used PHP, MySQL, and HTML/CSS

## PROJECTS

### Syncsp.in

September 2014

- Realtime social jukebox application built on top of the Beats Music API
- Uses accelerometer of connected web clients to produce visualizations
- Written using AngularJS, Socket.io, and Node

### TripBlaze

June 2014

- Trip planning web application
- Reverse engineered the Tripomatic API to get data for points of interest
- Won the category and grand prizes at the Sabre Dev Studio Hackathon
- Utilized AngularJS, Node, MongoDB, and Express

## EDUCATION

Texas Academy of Mathematics and Science

University of North Texas, 2012 – 2014

3.86 GPA

*A highly selective program for Texas students to attend college in high school*

## ACTIVITIES

- 2014 – Present – **Various hackathons**, including PennApps X, MHacks IV, HackGT, and HackMIT
- 2014 – Present – **Vice President** of UTD Hackers
- 2012 – 2014 – **Member/President** of TAMS Computer Science Organization
- 2012 – 2014 – **Member/Treasurer** of TAMS Ham Radio Club