

Mingbo(Andrew) Gu

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PROFESSIONAL EXPERIENCE/PROJECTS

FiscalNote • Washington DC • September 2015 – Present

Junior Front End Engineer

- ⇒ Utilized Ember.js to perform various bug fixes to improve functionality and UX of the site.
- ⇒ Rebuilt discovery panel to give users a real time view of their settings and various graphs representing their data.

UMD CSA • College Park, MD • Spring 2015 – Present

Webmaster

- ⇒ Designed and built a brand new site for CSA utilizing Ruby on Rails and Angular.js. Site allows users to get more information on the club, register as a member to receive emails from the club, and an admin UI for other officers to update the site.

AppCow • New York City • Summer 2015

Software Engineering Intern

- ⇒ Developed a recommendation engine using PHP and the 42Matters API to deliver personalized apps that fit the user's tastes based on the apps on their device.
- ⇒ Worked in a team of three to rebuild the entire backend API in Node.js and MongoDB. Endpoints included creating and registering user accounts, logging in and out of their accounts, redeeming gift cards and referral codes, randomly generating referral codes for users, tracking orders, inventory, and more.

Fusion Ventures • Maryland • Summer 2015

Software Developer

- ⇒ Built a front end for Fusion Ventures's Beat the Brain challenge that allowed users to submit trades to compete against each other and the trading algorithm
- ⇒ Worked on integrating the E-Trade API in PHP that allows users to automatically submit trades to the stock market

MyWebRoom • San Francisco, CA • June 2014-August 2014

Web Development Intern

- ⇒ Revamped entire testing suite with Ruby on Rails. Tests included user login and logout, creating records, sending emails, and Facebook authentication.
- ⇒ Improved Wordpress blog by reducing load times, redirecting blog to load through Cloudflare, and redirected blog URL to improve SEO through HTTP rules on Apache.

EDUCATION

B.S. Computer Engineering, Minor in Physics

University of Maryland, College Park • May 2018 (expected)

TECHNICAL SKILLS

Languages: HTML, CSS, Javascript, Python, Ruby, PHP, Java, C, Matlab

Frameworks & Technologies: Coffeescript, Sass, Node.js, Express, Ruby on Rails, Ember.js, Angular, React, Git

Database: MySQL, PostgreSQL, MongoDB

Design: Adobe Photoshop, Illustrator, InDesign, Premiere Pro, Fireworks

Electronics: Arduino