

# Ryan Smith

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<https://angel.co/ryan-smith-35>

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## TECHNICAL SKILLS

**Strong:** Javascript, AngularJS, jQuery, HTML5, Node.js, Express.js, CSS

**Experienced:** Git, MySQL, MongoDB, React.js, Bootstrap.js, Mocha, Gulp, D3

## PROJECTS

**Immedia**, Software Engineer | [www.immedia.xyz](http://www.immedia.xyz)

*News and social media aggregator focused on recency, trends, and data visualization*

- ❖ Created interactive tree graphs and collapsible force-directed tree graph with D3.js, incorporating asynchronous data
- ❖ Incorporated front-end to back-end mechanism to store, rank, and deliver most popular searches over time
- ❖ Implemented testing for server-side API calls and database storage and management using Mocha.js

**Koupler**, Software Engineer | <https://github.com/Short-Stacks/Koupler>

*Social platform that connects couples based on preferences and location*

- ❖ Refactored existing project to accommodate Angular UI Router to create a state-based, single-page app
- ❖ Assembled promise-based API calls to determine geographic distance between users and provide reviews and suggestions for activities around their area
- ❖ Created navigation bars, search inputs, results display, and fully editable profile pages
- ❖ Stored, updated, and queried highly relational data using MySQL

**FüdWize**, Product Leader, Engineer | [fudwize.herokuapp.com](http://fudwize.herokuapp.com)

*Platform connecting restaurants and food banks to build lasting relationships and reduce food waste*

- ❖ Managed a five-person team both on-site and remotely using Github, Trello, and Slack
- ❖ Collaborated on a highly reliable user authentication system using Angular, Express, tokens, and Bcrypt encryption

**Gram**, Designer/Engineer | <https://github.com/mtrushmore/gram>

*Collaborative whiteboard and chat service to plan complex projects, or have fun doodling together*

- ❖ Created a real-time virtual diagram creator and drawing space, viewable and editable across different devices
- ❖ Enabled chat capabilities for an indefinite amount of collaborators with unique usernames

## PROFESSIONAL EXPERIENCE

**Learnable Prep**, College Prep, Founder/Teacher

Orlando

2010-2015

*Standardized test preparation and college admissions counseling services*

- ❖ Designed and implemented a full-course curriculum, and provided classroom, one-on-one, and small group mentoring
- ❖ Created a fully-functional business website and forms using customized Wordpress themes and web hosting service
- ❖ Mentored over 200 students, most of whom achieved increased scores and access to state and school-based scholarships

**Total Literacy Academy**, English School, Head Teacher

Bangkok

2008-2010

*English school focused on literacy, phonics, and reading and writing skills*

- ❖ Trained and led a team of four foreign teachers and four local teaching assistants to provide an effective curriculum
- ❖ Devised weekly lesson plans and strategies, and acted as a liaison between students, parents, and school

## EDUCATION

**MakerSquare** (a Hack Reactor partner) - Advanced Software Engineering Immersive San Francisco 2015

**University of Florida** - B.S. in Biology, *magna cum laude* (high honors)

Gainesville

2004-2008

## ABOUT ME

I'm a musician at heart and enjoy composing and recording music. I've had the privilege of playing at three weddings. I also enjoy the great outdoors, scaling rocks (with rope attached, of course), and traveling the world and blogging about it.