Isaac J. Lee

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Ember & React developer looking to grow into team lead position.
Driven to write simple, lasting code and utilize the latest web technologies.
Pro in continuous learning + communication + collaboration.

// Goals

- Bring team projects that reach and help a multitude of people to success
- Further develop my passions in teaching and leadership
- Learn best practices from new codebase and share knowledge with community

// Expertise

- **Front End:** JavaScript ES7, Ember, D3, React, Redux, Sass
- **Back End:** Node, Express, AWS S3, Google APIs, SQL, MongoDB, Firebase
- **Extras:** Matlab, Python (basic), Git, Heroku, Markdown, QUnit
- **Moreover:** Leadership, Public Speaking, Teaching, Team Building

// Education

The Coding Boot Camp at UT Austin   July 2017 – October 2017
Certificate in Full Stack Web Development

freeCodeCamp   July 2017 – September 2017
Certificate in Front End Development

The University of Texas at Austin   August 2010 – December 2015
PhD in Computational Science, Engineering, and Mathematics (ABD)
MSc in Computational Science, Engineering, and Mathematics
- 3.88 GPA

University of Kentucky   August 2006 – May 2010
BSc in Mathematics, BSc in Computer Science (Double Degree)
- Minors in Psychology, Statistics
- 3.98 GPA (summa cum laude)

// Applications Built (2016 – Present)

Toastmasters Education Tracker
Project Lead, Lead Developer (team of 12, ongoing)
- Tracks and visualizes education and mentoring progress in a Toastmasters club
- Ember, D3, Sass, Node, Express, PostgreSQL, Google Sheets API, QUnit

Ember-Roadmap
Sole Developer
- Test-driven, highly performant visualization library created for Identity Automation
- Ember, D3, QUnit, Graph Theory

- https://ember-roadmap.herokuapp.com/

Right to Speak
Lead Developer (team of 8)
- Assistive communication app developed for ATX Hack for Change
- React Native, React Native Responsive Grid, React Native Speech
- https://github.com/ijlee2/righttospeak

Mai
Project Lead, Lead Developer (team of 5)
- Photo-sharing app that uses cloud solutions to write stories for users
- React, Redux, Materialize, Node, Express, MySQL, bcrypt, JWT, Dropzone, Amazon S3, Google Cloud Vision
- https://mai-app.herokuapp.com

LocALL
Project Lead, Lead Developer (team of 4)
- Recommendation app for short trips to eat, play, and drink in Austin
- Bootstrap, Firebase, Google Maps, Google Places, Probability & Spherical Geometry
- https://ijlee2.github.io/LocALL

Central Austin Toastmasters
Project Lead, Webmaster, Content Writer (team of 10)
- Brand new site that helped my club find 27 new members and reach top 5% in a year
- https://www.centralaustin.org

// Related Experience

Identity Automation   November 2017 – Present
Senior SaaS UI Developer
- Converted 8 flagship applications from Adobe Flex to Ember.js
- Ember, Ember Data, Ember CLI Mirage, D3, Sass, QUnit, ActionScript
- Increased team velocity by 40% (matched output of lead developer with 10+ YOE)
- Increased test coverage by at least 100%
- Lead developer for 4 Ember-D3 applications
- Mentored 3 junior developers
- Employee of the Quarter Spotlight Award, Q2 2018

Institute for Computational Engineering and Sciences   August 2010 – December 2015
Graduate Research & Teaching Assistant

Software Verification and Validation Research Lab   January 2010 – May 2010
Research Assistant

University of Kentucky, Student Support Services   November 2007 – May 2010
Math Tutor

University of Kentucky, Department of Mathematics   August 2007 – May 2010
Undergraduate Teaching Assistant

// Volunteer Experience

Central Austin Toastmasters   August 2015 – Present
President, *VP Education*, *VP Membership*, *Webmaster*
- Key member in transforming a failing club into top, award-winning club in Texas

EmberATX   July 2018 – Present
Co-Organizer
- Delivered live code presentation on using D3 with Ember

District 55 Toastmasters   February 2017 – June 2018
Area K75 Director, *Club Coach for Dynamic Public Speakers*
- Advised 6 clubs in education, membership, and public relations