

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
- Increased team velocity by 40% (matched output of lead developer with 10+ years of professional experience)
- 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