

# LIZZY AUSTAD

31 Mead Drive • AC# 1349 • Amherst, MA 01002 • 413-459-5710  
eaustad16@amherst.edu • lizzyaustad.me

## EDUCATION

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**AMHERST COLLEGE** Amherst, MA

Anticipated May 2016

BACHELOR OF ARTS in Computer Science and Psychology

- **QUEEN MARY UNIVERSITY OF LONDON** London, England

Fall 2014

- **BEIJING LANGUAGE AND CULTURE UNIVERSITY** Beijing, China

Spring 2015

**FREECODECAMP**

- Front End Developer certificate

January 2016

- Back End Developer certificate

Anticipated Spring 2016

## PROJECTS

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**LOCAL WEATHER WEB APP** HTML5, CSS, JavaScript

- This web app uses a local weather API to display the weather in the user's current location
- The open-source code for this project can be found at [codepen.io/lizzyaustad/pen/qbagRq](https://codepen.io/lizzyaustad/pen/qbagRq)

**CLOSEST PAIR ALGORITHM** Java

- Given a random set of points in a 2D plane, this program will find the closest pair of points in  $O(n \log n)$  time
- Coded for my Data Structures & Algorithms II class

**DINE TODAY** Meteor.js, HTML, CSS, MongoDB

- Worked in a full-stack role creating Meteor.js templates, setting up the database, and editing the CSS
- A mobile-responsive web app to find and post discounted restaurant reservations; [dinetoday.meteor.com](http://dinetoday.meteor.com)
- Finalist for Hack@Brown hackathon; Finalist for TigerLaunch, Princeton's entrepreneurial competition

## EXPERIENCE

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**AMHERST COLLEGE COMPUTER SCIENCE DEPARTMENT** Amherst, MA

Fall 2015

TEACHING ASSISTANT

- Assist Introduction to Computer Science II students with weekly Java programming assignments
- Clarify instruction for object-oriented design, inheritance, GUIs, and other technical questions

**iD TECH CAMPS - ALEXA CAFÉ** Seattle, WA

Summer 2015

LEAD INSTRUCTOR

- Explained foundations of programming through web games with Scratch and JavaScript
- Instructed girls ages 11 to 16 about Android and iOS mobile development with Stencil

**iD TECH CAMP** Portland, OR

Summer 2014

INSTRUCTOR

- Taught introductory Java programming skills to kids ages 7 to 12
- Led students to create games and animations in Scratch and Java

## SKILLS

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- Spanish (conversational) and Mandarin (intermediate)
- Java, HTML5, CSS, JavaScript (advanced)
- Git, jQuery, Python, MongoDB (proficient)
- Backbone.js, Node.js, Ruby (novice)

## EXTRACURRICULAR ACTIVITIES

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**WOMEN IN COMPUTER SCIENCE CLUB** Senior Chair

Fall 2014 – Present

- Attend Hackathons with the goal of creating a project over a single weekend
- Volunteer at a local elementary school's Lego Robotics Club once a week
- Organize funding and accommodations for women in technology conferences

**HABITAT FOR HUMANITY** Club President

Fall 2013 – Fall 2015

- Coordinated Team Builds between Pioneer Valley Habitat and members of the Five-College community
- Organized fundraising and community-building events