

LIZZY AUSTAD

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EDUCATION

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

LOCAL WEATHER WEB APP HTML5, CSS, JavaScript Winter 2015
▪ 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
CLOSEST PAIR ALGORITHM Java Fall 2015
▪ 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
3D ANIMATION Java Fall 2014
▪ Given point sets for 3D objects, this program will produce 3D parallel and perspective animations
▪ Coded for my Computer Graphics class at Queen Mary University of London

EXPERIENCE

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

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

EXTRACURRICULAR ACTIVITIES

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