

ELIZABETH AUSTAD

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EDUCATION

AMHERST COLLEGE Amherst, MA	Anticipated May 2016
BACHELOR OF ARTS in Psychology and Computer Science	
▪ QUEEN MARY UNIVERSITY OF LONDON London, England	Fall 2014
▪ BEIJING LANGUAGE AND CULTURE UNIVERSITY Beijing, China	Spring 2015

PROJECTS

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	
PICTIONARY WEB APP HTML5, CSS, JavaScript	Fall 2015
▪ This web app produces a random word to be used for a Pictionary game, runs a timer, and keeps score	
▪ Coded independently	
3D ANIMATION Java	Fall 2014
▪ Given point sets for a 3D cube and pyramid, 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	
MAKERSPACE @ AMHERST MEDIA Amherst, MA	Fall 2015
INTERN	
▪ Provide instruction to middle school students about Arduino code and Lilypads	
▪ Encourage interest in technology and computer science	
iD TECH CAMPS - ALEXA CAFÉ Seattle, WA	Summer 2015
LEAD INSTRUCTOR	
▪ Instructed girls ages 11 to 16 in electrical engineering skills with Lilypad Arduino	
▪ Explained foundations of programming through mobile and web games with Stencyl, Scratch and JavaScript	
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	

EXTRACURRICULAR ACTIVITIES

AMHERST COLLEGE COMPUTER SCIENCE CLUB Member	Fall 2014 – Present
▪ Participate in weekly lunches with the Women in Computer Science group	
▪ Volunteer at local elementary school's Lego Robotics Club once a week	
HABITAT FOR HUMANITY Club President	Fall 2013 – Present
▪ Coordinate Team Builds between Pioneer Valley Habitat and members of the Five-College community	
▪ Organize fundraising and community-building events	

SKILLS AND INTERESTS

▪ Spanish and Mandarin Chinese (conversational)	▪ Java, HTML5, CSS, JavaScript (expert)
▪ Office, Photoshop, Dreamweaver (expert)	▪ Bootstrap, d3, Git, jQuery, Python, PHP (proficient)