

Madalyn Henderson
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Education:

CSU Channel Islands
Bachelor's of Science in Computer Science
Graduated May 2023

Studies include: Introduction to Artificial Intelligence (AI), Programming Language Development, Introductory Robotics, Operating Systems Development, Database Design, Web design, Basic Software Engineering, and Basic Electronics

Experience:

BAE Systems Nashua, NH

Women In Technology Intern October 2012-February 2013

Tasks involved in this internship include circuit generation and assembly techniques; Lego-League robotics development, including programming; electrical testing methods, and using equipment for electronics testing; also exposed to basic antenna development and operations.

Non-Technical Intern June-August 2014

Used proprietary software to improve organization in the workplace including the locations of products in the production line. Inventoried circuit boards in the circuit board manufacturing area; updated and maintained employee training logs; organized and disposed of classified documents.

University of Massachusetts, Lowell Lowell, MA

Student Grader February-May 2015; October-December 2015

Graded for an introductory computer programming class taught in C; graded quizzes and student programs based on formatting, output, and content.

California State University, Channel Islands Camarillo, CA

Student Volunteer June-August 2016

Learned Python for experimentation with smaller robots. Dismantled an outdated security robot and documented the parts of the robot throughout the dismantling process while also observing the functions of this retired robot.

July-August 2017

Created python programs to reflect the results and data of research taken from various beaches in Ventura County. Acted as a professor's assistant in an upper-division Computer/Environmental Science course.

June 2018-March 2020

Used Django to update software and clean up code on a web server for the Environmental Science Department.