

Emma Jerzyk

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Education

Brown University, B.A. Computer Science & Middle Eastern Studies **Providence, RI • Class of 2017.5**

Relevant Coursework: Functional Programming; Data Structures in Java; Discrete Structures and Probability; Computer Systems; Designing, Developing, and Evaluating User Interfaces; Management of Nonprofit and Industrial Organizations; Health Care in the United States; Data Science

Experience

Bain & Company

Associate Consultant

Boston, MA

August 2018 - August 2021

Associate Consultant Intern

Summer 2016

- Worked in the Private Equity Group on diligences for leveraged buyouts
- Forecasted market growth in markets core and adjacent to target companies
- Conducted surveys and interviewed former market participants to gather intelligence on relevant markets

The Brown Daily Herald

Editor-in-Chief and President

Providence, RI

January 2016 - December 2016

- Managed a non-profit media organization with over 200 staff members and a \$500,000 endowment
- Created an education and training pipeline for web production, data journalism, graphics, photography and video teams
- Fundraised \$150,000 in the organization's first ever capital campaign to finish digitizing The Herald's bound volumes and endow its financial aid program

Casten for Congress

Data Director

Downers Grove, IL

March 2018 - July 2018

- Worked across teams to create both analytic tools to help the field team and finance team make high-level strategic plans, as well as tactical tools to execute against those plans
- Assisted the field team in creating a persuasion model and precinct prioritization list
- Wrote a web-scraping application to pull donor data for the finance team

InterSystems Corporation

Intern - Front End Development

Cambridge, MA

Summer 2015

- Met with clients to discuss user interface design and conduct user testing
- Designed user interfaces using balsamiq, and implemented configurable user interfaces using AngularJS
- Automated the unit test-writing process by coding Python scripts to automatically generate JasmineJS files

Nalari Health, Inc.

Project Coordinator

Providence, RI

Summer 2014 & January 2015 - December 2015

- Architected, designed, and implemented a patient-provider portal integrating several health IT platforms using Django
- Created and annotated a research database in EndNote to improve and assist grant writing and sales engineering
- Designed training materials for patients and health care professionals
- Researched policy regulations for long-term care, nursing, and assisted living facilities using telehealth

Skills

Back-End/Processing Skills: C, Python, Java, SQL, Caché ObjectScript, OCaml, Racket

Front-End/Web Development Skills: HTML, CSS (Bootstrap), JavaScript (D3.js, AngularJS, and Jasmine), Jekyll, Django, L^AT_EX, Blender

Computer-Related Skills: Amazon Web Services, Wordpress Sites, Adobe Design Suite, EndNote, Microsoft Office

Language Skills: *Spanish* - intermediate; *French* - intermediate, *Arabic* - intermediate

Awards & Honors

- Selected as the program blogger for the IES Rabat Program (2017)
- Awarded the Institute of Political Journalism's Collegiate Journalism Award with cash award of \$2,500 (2015)
- Selected to serve on search committee to find a new Director for the Brown University Science Center (2015)
- Selected to present a paper at a Middle Eastern Studies Student Symposium (2015)
- Selected to participate in the Women's Success Network Mentoring Program with CVS Health Corporation (2015)
- Awarded the Foster Prize, given to the freshman who excels in work in French, with cash prize of \$200 (2014)

International Experience

U.S. Representative at Toshiba International Foundation Sustainability Conference — Bangkok, Thailand *Summer 2011*

Spanish Language Medical Translator on Hinsdale Adventist Hospital Mission Trip — San José, Costa Rica *Summer 2010*

Study abroad IES Abroad — Rabat, Morocco

February 2017 - May 2017

Study abroad IES Abroad — Freiburg, Germany

June 2017 - July 2017