

Emily Lau

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>> EDUCATION

Rutgers University—New Brunswick

September 2016 - May 2020

B.S. in Computer Science (Honors)

Minor in Creative Writing

Overall GPA 3.944 (*summa cum laude*)

>> SKILLS

Programming | Python, Java, C

Web Development | HTML, CSS, JavaScript, Flask, Angular 2

Databases | MySQL, MongoDB

>> COURSEWORK

Data Structures, Computer Architecture, Systems Programming, Principles of Data & Information

Management, Design & Analysis of Algorithms, Internet Technology

Artificial Intelligence (Graduate), Natural Language Processing (Graduate)

>> EXPERIENCE

iLab Manager | Rutgers LCSR | Piscataway, New Jersey

September 2019 - May 2020

Previously iLab Assistant (September 2018 - May 2019)

Managed student community space and **10** iLab Assistants

Provided walk-in tutoring for computer science coursework, including Data Structures and Computer Architecture

Assisted students with accessing and using the Instructional Lab, a set of **31** Linux machines

Director of Marketing | HackRU | Piscataway, New Jersey

March 2019 - April 2020

Previously Organizer, Marketing and Volunteer & Hacker Experience teams (September 2018 - March 2019)

Led team of **7** organizers to coordinate marketing and communication for hackathon hosting **800+** participants

Developed Mailchimp campaigns reaching audience of **2,000**

Ebook Development Intern | Penguin Random House | New York, New York

June 2019 - August 2019

Developed ebook production tools using Python and AppleScript in Mac environment

Used Git for version control and Jira for issue/bug tracking

Assisted with testing and documentation of production and internal tools

Wrote Python script to bring **2,000** ebook files up to current EPUB file specification

>> PROJECTS

emily-writes-poems | MERN, Javascript, Python

Web application displaying text and statistics of my poetry. Using natural language processing to further analyze poem content and structure.

MyAlbumsApp | Angular 2, Python/Flask, MySQL

Web application that keeps track of the albums I've listened to each year. Uses Spotify, Last.fm, and Wikidata APIs to gather information about albums and artists.

BarConsumablePatron | Angular 2, Python/Flask, MySQL

Web application working with simulated random data on bars, consumables, and patrons. Partner project for Principles of Data and Information Management class.