

Lianne Bisch

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Greater New York Area, NY

SKILLS: C++, React, Redux, Ruby, Rails, JavaScript, SQL, MySQL, PostgreSQL, HTML, CSS, Rstudio, Python, PHP, jQuery, Bash script, MongoDB, CouchDB, GoogleCloudBigTable, BioInformatics:Stacks & Populations, HTML5, CSS3, Git

PROJECTS:

Open Playbill *Ruby on Rails, ReactJS*

[live](#) | [github](#)

Pixel perfect clone of dining and reservation website OpenTable with a Broadway theme.

- Implemented Rails backend in order to search for Broadway shows (and create reservations).
- Applied Google Maps API to individual show profiles for geographical interaction
- Utilized pg-search gem to filter search results.

Fit Challenger *Ruby on Rails, ReactJS*

[live](#) | [github](#)

Fitness sight for users to challenge themselves and each other.

- Communicated and collaborated in a group of four
- Utilized Express Router and Mongoose to construct the entire backend framework for application and challenge form structure.

Is It Over Yet? *Vanilla Js, MERN, HTML*

[live](#) | [github](#)

Front end site which dynamically displays Covid-19 data in the form of bar charts.

- Applied external API to provide multiple different bar graphs, including an interactive histogram.
- Utilized Js to display case information based on the user's to choose of statistics to graphically compare

EXPERIENCE:

Biology Research Lab Assistant

Providence College & Fordham University

May 2018 - Aug 2019

- Utilized the terminal, bash, Bioinformatics software Stacks & Populations and Rstudio to sequence and graph over 1M genomes in over 10000 unique rat DNA samples.
- Implemented multiple bash loops to create a template for processing genomic data resulting in a 70% increase in processing efficiency and speed.
- Constructed a detailed guide as to how to use Bioinformatics software with code templates and explicit instructions for those who do not have a coding/technical background.
- Co-authored Evolutionary Applications Manuscript on the comparative spatial genomics between mice and bats.
- Dissected over 300 bats while logging their physical characteristics and geographical origin.

WDOM Radio General Manager

Providence College

Sept 2018 - June 2019

- Oversaw execution of all broadcast content consisting of over 70 unique radio shows and over 150 radio hosts.
- Styled and implemented a WDOM radio sakai webpage for students and DJs which digitized our shows' logging process and attendance.
- Repaired and rewired the radio's computers, sound systems, and broadcast technology to allow for computer streaming and smaller new host technology learning curve.
- Improved accountability and data management system of radio FCC required paperwork by creating over 15 forms for quarterly show check ins to prevent being fined by the FCC.
- Lead alumni radio panel explaining the advantages of radio work when going into a communications field. Connected radio alumni with current Djs to compare and share experiences.

WDOM Radio Program Director

Providence College

Sept 2016 - Aug 2019

- Scheduled and processed over 100 radio show applications for optimized constant and consistent radio programs.
- Ensured consistent and consistent communication between the radio board and Djs. Provided them a technical and instructional aid 24/7 throughout the school year.
- Personally oversaw all radio shows and screened them for content.

Social Media Ambassador

Providence College

Sept 2019 - June 2019

- Designed and implemented the school's first social media bracket poll for use on instagram and snapchat.
- Processed all school social media promotions and interactivity between alumni, students, and potential students.

EDUCATION:

Providence College - *BS Computer Science, Business Certificate, GPA 3.9 Summa Cum Laude*

2015-2019

AppAcademy

Jan 2020 - June 2020

Committed over 100hrs a week to complete the immersive software development course with focus on full stack web development.

Awards and Accomplishments:

Albertus Magnus Scholarship Award Recipient 2015-2019

Providence College's first and only member of Upsilon Pi Epsilon International Honors Society

Member of Dirigo Leadership Honor Society

AppAcademy - 2020- Committed over 100hrs a week to complete the 16 week coding course.

Leadership Fellows Program and Leadership Fellows PC in DC Member

Business School: Ethics Case Competition Competitor