

# HELEN DEMPSEY

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## EDUCATION

**Fordham College at Lincoln Center**, New York, NY

May 2020

Bachelor of Science in Computer Science

GPA: 3.59, Major GPA: 3.80

Activities: Tech@LC, *Vice President* (2019-2020); Korean Student Association, *Event Organizer*

**Sogang University**, Seoul, South Korea

Summer and Fall 2018

Summer Immersion Program and Study Abroad Program

Activities: Hands Up for Gathering, *member*; Photography Club, *member*

## RELEVANT COURSEWORK AND PROJECTS

Discrete Structures I & II, Data Structures, Database Systems, Computer Algorithms, Theory of Computation, Data Mining, Graphic Design & Digital Tools

Database Systems Final Project

- Created a database in MySQL that stored information about customers shopping on an online bookstore
- Information included customer account details, payment method, book details, shopping cart, billing

## AWARDS AND HONORS

Jogues Scholarship

## TECHNICAL EXPERIENCE

**Fordham HCI**, Research assistant

October 2019 – Present

- Currently assisting Dr. Vacca with research into data literacy, specifically through art-oriented data visualizations
- Responsibilities include creating a web application mockup in React, working with the Spotify Web API, and using p5.js to design data visualization models. Made ultimately for middle school students to customize and interact with

**FordhamHacks**, Tech and Design Team

July 2019 – Present

- Responsible for front-end development using React and CSS components for Fordham University's 2020 hackathon website
- Designed splash page that handles pre-registry and sponsorship applications
- Optimized site responsiveness for cross-browsing

**Fordham IT Team**, Team member, New York, NY

August 2017

- Guided incoming freshmen to troubleshoot and set up devices to Fordham's new network by integrating security protocols and applications such as SafeConnect and Bitdefender

## ADDITIONAL EXPERIENCE

**Melo**, UI/UX designer and iOS developer

February – August 2019

- Side project iOS social media application for music. Using their Apple Music or Spotify subscription, users who share a song on the app can seamlessly share to followers who have either subscription. Feature ideas included filtering home feed by genre, discovering music by artist, genre, etc., and "'Now Playing' around you"
- Created UI/UX early prototypes using Figma and implemented onboarding process for new user sign-up with Swift

**hpdempsey.com**, Web developer

December 2018 – Present

- Built personal resume website using Bootstrap CDN, along with Animate.css and AOS libraries. Deployed website with a namecheap.com domain and originally hosted on Heroku server, now being hosted on GitHub Pages

## SKILLS AND LANGUAGES

- C++, Java, Swift, MySQL, HTML/CSS, React, Git, CLI, Xcode, Heroku, FileZilla, Figma, Adobe Photoshop CS3 & 6, Adobe Illustrator, Adobe Creative Suite
- Korean