

# 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, *member*

**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

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

**Melo**, Founder and developer

February 2019 – Present

- In-progress social media platform 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. Features to be implemented include filtering home feed by genre, discovering music by artist, genre, etc., and “‘Now Playing’ around you.”

**Capsule**, iOS Application

January 2019

- Collaborated on building landing page using Bootstrap, HTML, CSS, and JavaScript. Deployed website onto Heroku using a PHP buildpack via an index.php redirect file
  - Created cover photos for users’ profiles using SDWebImage by downloading images from the S3 server
  - Built application feedback architecture for users by saving their data into open-sourced Parse Server hosted by AWS and MLab.
- Total user accrument: 300+

**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

**FordhamHacks**, Tech and Design Team

July 2019 – Present

- Responsible for front-end development using ReactJS 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

**hpdempsey.com**, Website Developer

December 2018 – January 2019

- 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, MySQL, Swift 5, Python, HTML/CSS, Figma, Git, Heroku, CLI, Linux/Unix, Xcode, FileZilla, Adobe Photoshop CS3 & 6, Microsoft Office
- Korean