HELEN DEMPSEY

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EDUCATION

Fordham College at Lincoln Center, New York, NY
May 2020
Bachelor of Science in Computer Science
GPA: 3.58/4.0, Major GPA: 3.71/4.0
Activities: Tech@LC, *Vice President* (2019-2020); Korean Student Association, *Event Organizer* (2019-2020)

Sogang University, Seoul, South Korea
Summer and Fall 2018
Summer Immersion Program, semester of study abroad
Activities: Hands Up for Gathering, *member*; Photography Club, *member*

RELEVANT COURSEWORK AND PROJECTS

Discrete Structures I & II, CS I & II, Data Structures, Computer Organization, 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

MathFest 2020, Web Developer and Graphic Designer
December 2019 – Present
• Updating and redesigning MathFest website in HTML/CSS for Dr. Christine Breiner
• Implementing backend server code for exporting registration credentials to an Excel spreadsheet using Javascript
• Created poster flyers featuring original artwork using Adobe Illustrator that are to be posted throughout the university

Fordham HCI, Research Assistant
October 2019 – Present
• Assisting Dr. Ralph Vacca with data literacy research by developing a web application in HTML/CSS and Javascript
• Using Spotify's Web API to extract track feature data and designing customizable data visualization models with p5.js to present correlations between different track features and mood

FordhamHacks, Tech and Design Team
July – December 2019
• Responsible for front-end web development using React and CSS for Fordham University's 2020 hackathon website
• Designed splash page that handles pre-registry and sponsorship applications
• Optimized site responsiveness for cross-browsing

ADDITIONAL EXPERIENCE

Melo, UI/UX designer and iOS developer
February – August 2019
• Side project social media application for music. Using their Apple Music or Spotify library, users can share tracks on the app that can be directly listened to by users subscribed to either service
• Originally designed UI/UX prototypes using Figma, later redesigned using Sketch
• Programmed onboarding process for new user sign-up with Swift

hpdempsey.com, Web developer
December 2018 – July 2019
• Built personal resume website using Bootstrap CDN
• Implemented various libraries such as Animate.css and AOS
• Deployed website with a namecheap.com domain currently being hosted by GitHub Pages

SKILLS AND LANGUAGES

• C++, Swift, Javascript, Java, MySQL, HTML/CSS, React, Git, CLI, Xcode, Heroku, FileZilla, Figma, Sketch, Adobe Photoshop, Adobe Illustrator, Adobe InDesign
• Korean (bilingual proficiency)