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): Host workshops and talks, conduct mock interviews, keep club information on OrgSync up to date, design event posters, designed new club logo, work with secretary to draft emails
Korean Student Association, *Event Organizer* (2019-2020): Coordinate Korean culture events and activities in collaboration with other members of the event committee

Sogang University, Seoul, South Korea   Summer and Fall 2018
Summer Immersion Program, Study Abroad Program
Activities
Hands Up for Gathering, *honorary member*: Assisted e-board with interviews for prospective HUG members by asking candidates questions in English to measure their proficiency

RELEVANT COURSEWORK

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

EXPERIENCE

MathFest 2020, Web Developer and Graphic Designer   December 2019 – February 2020
• Updated and redesigned MathFest website in HTML/CSS for Fordham math professor Dr. Christine Breiner
• Added function that exports HTML form data to a Google Sheet using Google Script and AJAX
• Set up automated emails (drafted in HTML) using Zapier that send whenever connected Google Sheet gets updated
• Created poster flyers featuring original artwork using Adobe Illustrator that were posted throughout the university

Fordham HCI, Research Assistant   October 2019 – Present
• Assisting New Media & Digital Design professor 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

SIDE PROJECTS

Melo, UI/UX designer and iOS developer   February – August 2019
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 by customizing a Bootstrap CDN template
• 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, Node.js, Git, CLI, Xcode, Heroku, FileZilla, Figma, Sketch, Adobe Photoshop, Adobe Illustrator, Adobe InDesign
• Korean (bilingual proficiency)