HERSH NAGPAL

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EXPERIENCE:

Wayfair, Boston, MA   *iOS Engineer Co-Op*   *01/20 to 06/20*
- Designed and wrote new features for the iOS Wayfair App in Swift UIKit and GraphQL.
- Learned debugging skills through maintaining existing features on the Wayfair app.
- Created and completed Jira tickets for bugs and new features.
- Learned the concept of MVP, writing effective user stories with clear acceptance criteria, iterative software development in Sprints, Agile/Lean methodologies, using SCRUM/Kanban frameworks.
- Contributed to ticket scoping, retrospectives, and other SCRUM rituals as a team member.

Broadridge Financial Solutions, Edgewood, NY   *Cloud Solutions Intern*   *06/19 to 08/19*
- Provisioned and managed AWS resources (EC2, IAM, S3, Cloud Formation) to assist in the company's transition to cloud infrastructure and DevOps practices.
- Created Jenkins builds to increase deployment efficiency using Python and Groovy scripts.
- Applied knowledge of finance and data analytics to increase software usability.
- Ran meetings with interns and co-workers.
- Presented solutions to increase user interest & engagement in digital applications to COO & other Executives.

SKILLS:

- **Languages and Frameworks:** Java, Python, Swift, JavaScript, ReactJS, AWS, HTML, CSS. Working knowledge of Ruby, Rust, C, Shell Script, SQL, GraphQL.
- **Software Applications:** Jenkins, Docker, Marvel App, Adobe Photoshop, Microsoft Office (Word, Excel, PowerPoint), IDEs (VSCode, IntelliJ, XCode), LucidChart, Trello, GitHub, GitLab, Perforce.
- **Communication Skills:** College and work experience have provided extensive experience in interpersonal communication as well as group teamwork skills through years of project-based classwork and team assignments.

EDUCATION:

Rochester Institute of Technology   *GPA: 3.3*
- Pursuing BS Degree in Software Engineering, Minor in Communication and Psychology. Expected graduation: May 2022.
- **Key Coursework:** Human-Centered UX Design, Engineering Secure Software, Software Development Methodologies, Waste Reduction in Process Management, Public Speaking, Interpersonal Communication.

PROJECTS:

HershNagpal.com - AWS Hosted React App *[AWS, HTML, CSS, JavaScript/ReactJS]*
- Designed and developed HershNagpal.com website which strengthened my experience in web languages.
- Created an AWS CodePipeline to automate the build and deployment process.
- Constructed with ReactJS framework and previously with HTML/CSS/JS stack.

The Movie Database - iOS Mobile App *[Swift]*
- Conceptualized, designed, and developed a movie database application using TMDB API.
- Learned user friendly mobile app design using UIKit and autolayout.

Library Management System – Java Desktop App *[Java]*
- Documented full development process and worked in 2-week sprints over a semester to simulate professional development and team environment.
- Used UML Design, Sprint Retrospectives, and other practices to learn the best ways to approach a design problem.
- Applied object-oriented design patterns to increase efficiency, modularity, and maintainability.