HERSH NAGPAL

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EXPERIENCE:

iOS Engineer Co-op - Wayfair, Boston, MA   *01/20 to 06/20*
- Participated in the engineering team that architected and re-designed features on the Wayfair iOS App using Swift and GraphQL, specializing in the main Product Detail Page and Shopping Cart.
- Re-designed and architected UI pages based on A/B testing and feedback on usability for 2020 app redesign.
- Collaborated with other engineering and design teams to implement Split View throughout the iOS App.
- Created Related Items Page, Frequently Bought Together Products Carousel, Image Carousel, and Additional Information menus on every product page.
- 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.
- Advertised and hosted charity events on behalf of Wayfair to raise funds for St. Jude's Children's Hospital.

Cloud Solutions Intern - Broadridge Financial Solutions, Edgewood, NY   *06/19 to 08/19*
- Provisioned and managed AWS resources (EC2, IAM, S3, Cloud Formation) to assist in the company's transition to an automated and autoscaling cloud infrastructure and DevOps practices.
- Created Jenkins builds to increase deployment efficiency using Python and Groovy scripts.
- Ran biweekly meetings with interns and co-workers to research and construct a marketing campaign based on a brief and proof points provided by the Broadridge Digital team.
- Presented marketing solutions to increase interest & engagement in digital applications to COO & other Executives.

SKILLS:

- **Languages and Frameworks:** Java, Python, Swift, JavaScript, SQL, React, Node, AWS, HTML, CSS. Working knowledge of Ruby, Rust, C, C++, C#, Shell Script, GraphQL. Experienced using APIs and CI/CD cloud infrastructure.
- **Software Applications:** Jenkins, Docker, Marvel App, Adobe Photoshop, IDEs (VSCode, IntelliJ, XCode), LucidChart, Trello, GitHub, GitLab, Perforce, MIRO. Worked with Windows, MacOS, and Linux/UNIX environments.
- **Proven Soft Skills:** Extensive experience in interpersonal communication as well as group teamwork skills through years of project-based team assignments. Solid background in psychology and the marketing and advertising creative process.

EDUCATION:

Rochester Institute of Technology   *GPA: 3.3*   *Expected graduation: 05/22*
- Pursuing BS Degree in Software Engineering, Minor in Communication and Psychology. Achieved Dean's List Since 2019.
- **Key Coursework:** Human-Centered UX Design, Secure Software Engineering, Applied Entrepreneurship, Industrial/ Organizational Psychology, Cloud Software Systems, Data Management Database Design, Small Group 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.
- Automated the development and deployment process using AWS CodePipeline and Github.
- 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 and Swift UIKit.
- Features include displaying current popular movies, related movies, movie search, and favorites list.

BC Tools – **Full Stack React App** *[Javascript/ReactJS, CSS, PostgreSQL]*
- Designed and developed full stack web app with React front end and SQL RDB backend.
- Users can upload tool information, request tools from other users, and view their requests to loan tools.