HERSH NAGPAL

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OBJECTIVE:

To utilize my software development and automation experience in a co-op or internship position. Available from January 2020 through August 2020.

SKILLS:

- **Software Development:** Java, Python, AWS, HTML, CSS. Working knowledge of JavaScript, Ruby, C, Shell Script.
- **Amazon Web Services:** Worked with S3, EC2, Lambda, API Gateway, Cloud Formation, Route53, CodePipeline, and IAM.
- **Software Applications & Computer Tools**: Jenkins, Docker, Marvel App, Adobe Photoshop, Microsoft Office (Word, Excel, PowerPoint), IDEs (VSCode, IntelliJ), Lucidchart, Trello, GitHub, GitLab, Perforce.
- **Soft Skills:** Familiar with efficient development practices such as Agile/Lean methodologies and DevOps. Effective team communicator and leader. Passionate about software and the ability to make a difference.

EXPERIENCE:

Cloud Solutions Intern – Broadridge Financial Solutions, Edgewood, NY - *June to August 2019*
- Provisioned and managed AWS resources using Cloud Formation templates to assist in the company's transition to cloud infrastructure and DevOps practices.
- Created APIs in Python using AWS Lambda.
- Maintained JavaScript web applications to ensure proper functionality of features.
- Created Docker containers to experiement with Jenkins builds.
- Researched and presented solutions to increase shareholder interest and engagement in electronic communications as well as reduce costs.
- Developed interactive mobile application prototypes using Marvel App to demonstrate how a well-designed experience can increase shareholder engagement.

Sales Associate – The Children's Place, Rochester, NY - *January to April 2019*
- Learned orderly & professional conduct with customers and effective problem solving.
- Coordinated with team members to understand the needs of the customer, provide customers a comfortable atmosphere & excellent customer service.

EDUCATION:

Rochester Institute of Technology   *[GPA: 3.2]*   *[**Expected graduation:** May 2022]*
Pursuing BS Degree in Software Engineering with Minor in Communication.
Key Coursework: Engineering of Software Subsystems, Software Process and Management, Public Speaking, Interpersonal Communication.

PROJECTS:

Sheeps and Shears – Apple Mobile Application *[Swift]*
- Conceptualized, developed (in Swift), and published a self-visualized Sheeps and Shears game on the Apple app store.
- Learned the end to end software development and release process, how to properly visualize, design and execute ideas into working software.

Web Checkers – Online Checkers Web App *[Java, Spark, FreeMarker]*
- Used Java based Spark web microframework and FreeMarker template to handle HTTP requests and generate HTML responses. Used Java 8 Libraries and language features.
- Learned the concept of MVP, writing user stories with clear acceptance criteria, and iterative software development in Sprints using Agile/SCRUM/Lean methodologies.