

# Hersh Nagpal

SOFTWARE ENGINEER

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## Education

### Rochester Institute of Technology

B.S. IN SOFTWARE ENGINEERING

MINORS IN COMMUNICATION AND PSYCHOLOGY

Rochester, NY

Aug 2017 - Dec 2022

## Experience

### PayPal

Remote, Boston, MA

iOS ENGINEER Co-Op / BRAND ARCHITECTURE INTERN

Jun 2021 - Dec 2021

- Skills and Technology: Swift, Postman, Mobile Development, Agile, Market Research, Business Strategy, Competitive Analysis, Entrepreneurship.
- Implemented new features and UI elements in the PayPal Business Debit MasterCard iOS app.
- Maintained and refactored Swift code base for PayPal Card products on merchant and consumer iOS apps.
- Added UI and network logging to the app to ease the process of error reporting and debugging.
- Researched new markets, constructed marketing strategies, mapped competition, and developed product names for PayPal's new product offerings on PayPal Brand Architecture team.
- Volunteered to teach middle and high school students entrepreneurial skills and judge business ideas with NFTE Southeast.

### Wayfair

Boston, MA

iOS ENGINEER Co-Op

Jan 2020 - Jun 2020

- Skills and Technology: Swift, GraphQL, UI Design, Mobile Development, Agile, SCRUM.
- Architected and re-designed pages on the Wayfair iOS App using Swift and GraphQL on Product Detail Page and Shopping Cart teams.
- Collaborated with engineering and design teams to implement Split View throughout the Wayfair iOS App.
- Created Related Items Page, Frequently Bought Together Carousel, Image Carousel, and Additional Information menus on every product page.
- Learned writing effective user stories, clear acceptance criteria, iterative software development, Agile/Lean methodologies, and SCRUM frameworks.
- Advertised and hosted charity events on behalf of Wayfair to raise funds for St. Jude's Children's Hospital.

### Broadridge Financial Solutions

Deer Park, NY

DEVOPS INTERN

Jun 2019 - Aug 2019

- Skills and Technology: AWS (CloudFormation, S3, IAM, EC2), Javascript, Java, Groovy, Jenkins, DevOps, Marketing, Public Speaking
- Implemented the foundations of an automated, cloud-based DevOps architecture to Broadridge Digital team's B2B products.
- Managed intern team tasked with constructing a marketing campaign to increase engagement in Broadridge's new all-digital investor resources.
- Presented marketing solutions to increase interest and engagement in digital applications to COO and other Executives.

## Projects

### Hershnagpal.com ([github.com/HershNagpal/hershnagpal.com](https://github.com/HershNagpal/hershnagpal.com))

AWS HOSTED REACT WEBPAGE

- **Skills and Technology:** Javascript, CSS, JSX, AWS, CI/CD, UI Design, Web Development, Agile, SCRUM.
- My personal website. Designed using Photoshop and Illustrator, developed in React, and hosted on AWS.

### The Movie Database ([github.com/HershNagpal/WayMovies](https://github.com/HershNagpal/WayMovies))

iOS MOBILE APP

- **Skills and Technology:** Swift, UI Design, Mobile Development.
- An iOS app where users can find information about any movie. Also supports a favorites list and several carousels to browse for new movies.

### WebCheckers ([github.com/HershNagpal/webcheckers](https://github.com/HershNagpal/webcheckers))

JAVA WEB APP

- **Skills and Technology:** Java, AJAX, Freemarker, Maven, SCRUM.
- An online checkers game where users can sign up, make friends, and challenge others or an AI player to checkers matches.

### BC Tools (RIT Principles of Data Management)

PYTHON APP

- **Skills and Technology:** Python, SQL, PostgreSQL, Data Management, Backend Development, Database Design, SCRUM.
- A toolsharing app where users can upload, manage, and borrow tools from other users.