

# NATASHA SHARMA

Software Engineer

## CONTACT

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GitHub: [github.com/natsharma](https://github.com/natsharma)

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## EXPERIENCE

### Snackpass • Full-Stack Software Engineer • June 2020 - Present

- Snackpass, backed by Andreessen Horowitz and Y Combinator (W18), is a consumer tech company building an e-commerce marketplace
- **Single-handedly built a React-Native App** for our investors to conduct Data Analytics and track company growth and performance.
- **Increased company's overall GMV** by building accounting functionality and a forecasting tool into the client app
- **Patched bugs** that prevented API calls from performing correctly
- **Implemented server-side infrastructure** and API calls, using Redis and Doppler

### Y Combinator • Software Engineer • April 2020 - June 2020

- Silicon Valley-based venture capital firm, worked with Data Analytics team
- **Built scalable program in Java** that refreshes and updates Dataset values
- **Automated the ingestion of high-volume Datasets**, sorted data, and used Python libraries Hypertunity, FastAI, and PyTorch to find the optimal point or convergence of data

### Bayesquare • Software Engineer Intern • June 2019 - Aug 2019

- Bayesquare develops machine learning applications to finance
- **Was the only Undergraduate intern**, worked with PhDs and Researchers
- **Extracted and sorted Climate Change Data** for a project that predicts natural gas futures; used Python libraries BeautifulSoup and Pandas
- **Implemented Python libraries Keras & TensorFlow** to estimate Portfolio Returns for Goldman Sachs foreign exchange rate project

### TAVTech • Software Engineer & Machine Learning Fellow • Dec 2018 - Jan 2019

- **5-week fellowship in Tel Aviv, Israel** in Software Engineering & Machine Learning (TensorFlow, Keras, NLP, Deep Learning); Taught by Gil Levi, PhD in Deep Learning
- **Built an Application** that identifies and tracks the growth of Cancerous moles; users can upload photos to an App; application uses powerful Image Classification model with Keras, SciPy
- **Won startup pitch competition**, pitched my Application to Israeli Venture Capitalist firms ICV and Elevator Fund; received grant

### J.P. Morgan • Software Engineer Intern • Oct 2016 - Jan 2017

- **Built a Mobile App** and remote Server for JPM-sponsored non-profit organization BRIC Arts Media; allows users to upload long-form video files for streaming, using Java Media Framework API, Node.js, and Passport Authentication
- **Wrote compression algorithm** to make data transfer faster
- **Automated payment processor data** into easily digestible JSON files; worked closely with Credit Card division team
- **Fixed API calls** that were parsing data incorrectly and passing on errors to the Server and Databases
- **Team Captain** for J.P. Morgan's Code For Good Hackathon; created winning solution, Finalist

## EDUCATION

### New York University

B.A. in Computer Science

May 2020

## LANGUAGES

Java, C/C++, React, React Native, Python, JavaScript, Node.js, HTML5, CSS3, TypeScript, SQL

## FRAMEWORKS

Git, TensorFlow, XCode, Android Studio, Heroku Cloud Platform, Esper DevOps, Doppler, Redis, Airtable API

## SKILLS & INTERESTS

Chess  
35mm film photography  
Science Experiments  
Hindi, Arabic, Urdu

## LEADERSHIP

J.P. Morgan Hackathon Finalist  
NYU's Women in Computing Hackathon Team Leader