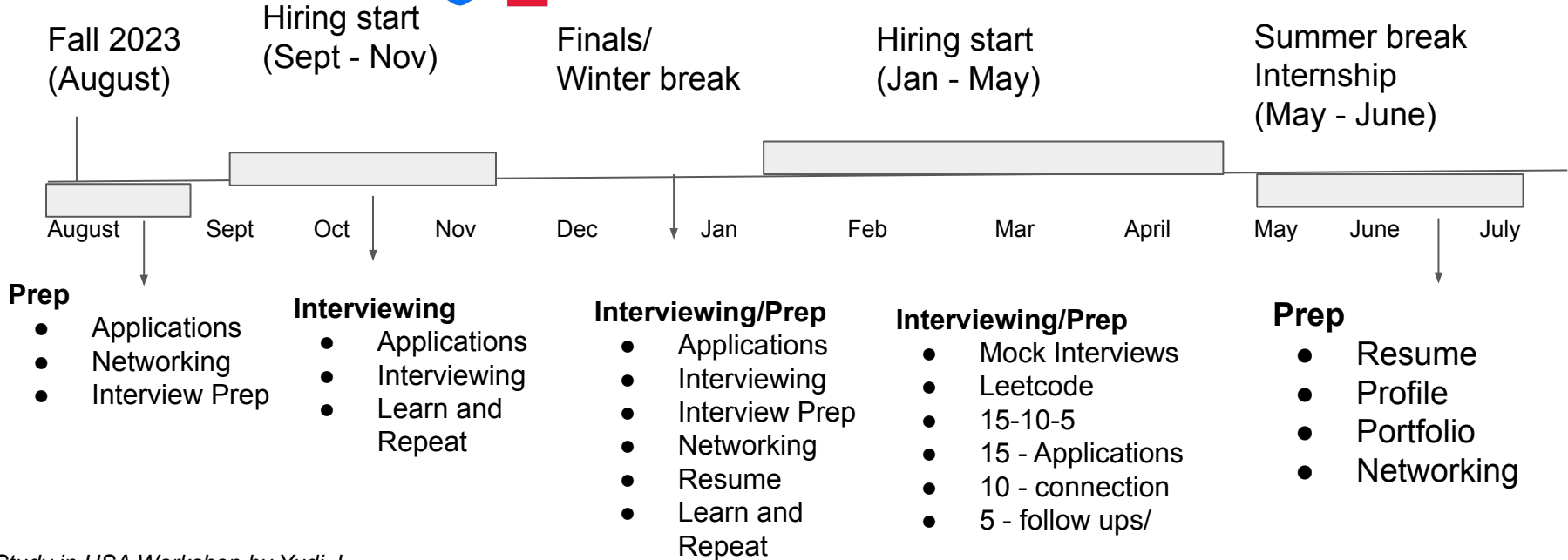


# Study in USA Workshop

Yudi J

# Internship/Full Time Timeline



# Linkedin Networking

## People to connect with

- Seniors
- Alumni
- Professors
- On Campus Job Manager
- Internship manager

# Resume

- Use “relevant coursework” in Education section to add keywords and courses you might complete before your internship or full time job starts.
  - It’s a way to add keywords to pass ATS.
  - Make sure you can speak to it and don’t just bluff
- Add links to actual projects - where you can
- Add links to dashboards (BI/DA people)
- Add links to mock ups, use case study - Product
- Add all your college and masters project and host it online so that adds credibility

Yudi J  
New York, NY  
team@yudij.com | [xxxxxxx](#) | [LinkedIn](#) | [GitHub](#)

## EDUCATION

**NEW YORK UNIVERSITY**, M.S. Scientific Computing (CS + Math), GPA: 3.5 Sept 2021 - May 2023  
Selective Coursework: [High Performance](#) Computing, Deep Learning Systems, Natural Language Processing, Artificial Intelligence, Time Series Analysis, Algorithms & Data Structures, Programming Languages, Numerical Linear Algebra, Numerical Methods 2.

**VELLORE INSTITUTE OF TECHNOLOGY**, BTech. in Mechanical Engineering, GPA: 8.67 on 10 Jul 2017 - Jun 2021  
Selective Coursework: Statistics, Python for Engineers, Object Oriented Programming with C++, Application of ODEs & PDEs, CFD.

## SKILLS

**Programming Languages** - Python, CUDA, C++ (Microsoft [Certified](#) Developer), Shell Scripting (Linux tools).

**Packages & Tools**: PyTorch, Tensorflow, Jax, Keras, HuggingFace, NumPy, Pandas, Scikit-Learn, Flask, Docker, SciPy, Git.

**ML Skills**: Training, Evaluating & Deploying Deep Learning models; Distributed Computing; Parallel Programming. Improving Latency.

**Soft Skills** - Problem Solving; Excellent Communication Skills; Teamwork; Attention To Detail.

## EXPERIENCE

**Giant Oak** (Guide: [Prof Cody Buntain @ UMD](#)) **New York, NY**  
Machine Learning & Data Analysis Intern Sep 2022 - Dec 2022.

- Improved the f-measure (F1 score) of the Demographic (gender, race, age & location) classification module by 112% (average).
- Built codebase to train BERT (Deep Learning model) & Gradient Boosting models NYU’s HPC using PyTorch & Tensorflow
- Obtained Peak Performance by Feeding BERT’s & ResNets’s (DL model) last layer to train a Graph Neural Network (GNNs).
- Trained & Evaluated k-Nearest Neighbour (Clustering model) based [Graph](#) Propagation & Node classification as cheaper alternative

**The New School** (Guide: [Tejas Dhamecha @ IBM Research Scientist](#)) **New York, NY**  
NLP & Machine Learning Intern May 2022 - Aug 2022

- Prototyped, Deployed & Productionized the containerized [Architecture](#) (backend & frontend) using Docker on AWS EC2.
- Finetuned & Ensembled multiple BERT (Deep Learning) using PyTorch, HuggingFace & Tensorflow to classify biases in texts.
- Built a codebase to train BERT & GPT-2 (Transformer-like models) on NYU’s HPC to correct biases in large texts|
- Presented the work to & impressed The Senior Vice President at The New School and a group of researchers at IBM.

**New York University** **New York, NY**  
Teaching Assistant ([Courses](#): Mathematics of Finance, Calculus 1) Sept 2021 - Present

- Lead discussion about Time Value of Money, Futures, Options, Interest Rates, Equity, Portfolio Section, Statistical models & more.
- Communicating complex information in a clear & concise manner. Solve & Analyze complex problems.

## PROJECTS

[Deploying Stock Market Sentiment Analyzer](#) (Guide: [Noriaki Tatsumi @Arthur AI](#)) Spring 2022  
Built codebase to train multiple finBERT to classify [real-time](#) sentiment of top stocks [using](#) , & HuggingFace.

Containerized & Deployed finBERT (Deep Learning model) in Production using Docker, Flask & Tweepy. Built codebase on GitHub. Prototyped & Containerized scalable backend architecture to mine, Analyze & store (in Minio / AWS S3 bucket) live tweets in real-time. Improved Performance by retraining finBERT (Deep Learning model) using scraped tweets through semi-supervised learning.

[Unlearning Dataset Bias in NLP models](#) (Extending the Idea from [Prof. He He’s paper](#), section 3) Spring 2022  
Finetuned BERT (NLP model) on NYU’s HPC Greene Cluster on textual data to reduce its generalization error. (results reproduced). Gained [accuracy](#) boost of 1.9% by ensembling multiple models trained to increase attention on non-bias parts of the sentences.

**Emotion Masked Language Modeling for finBERT** ([cMLM for BERT - original paper](#)) Fall 2021  
Finetuned & Validated BERT on textual data using NYU’s HPC to improve accuracy for emotion detection. (results reproduced). Improved train time by 15% & improved performance by 0.8%. Masked [emotion rich](#) words with higher probability to get better results.

## CERTIFICATIONS

**Stanford University** [Certificate](#) course in Machine Learning

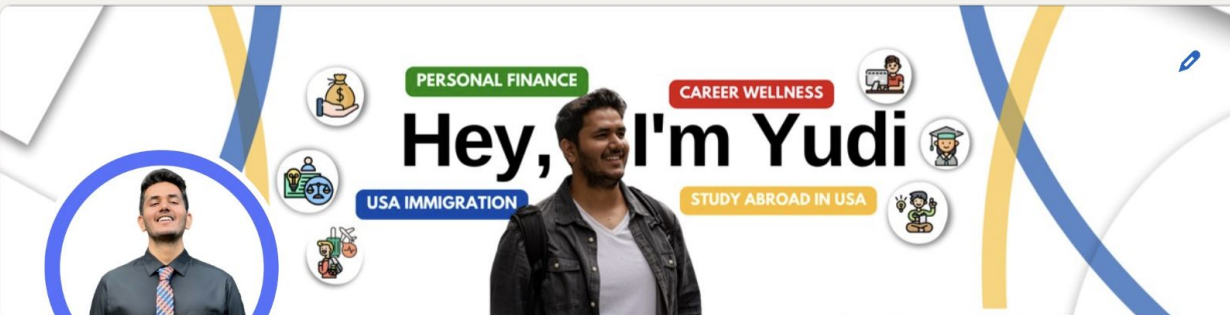
**Microsoft** [Certified](#) Intermediate C++ (DEV210.2x)

**IIT Roorkee** [Certified](#) course in Casting (Manufacturing) Technologies

## LEADERSHIP AND COMMUNICATION

Active and proud member of Toastmasters Public Speaking Greenspeakers club in the heart of NYC. May-2022 - Present  
Ex. Senior board member of VIT-SRT. helped design a payload for the Indian Space Research Organization (ISRO). July 2019 - Dec 2020

# Linkedin Profile





**Pritesh (Yudi) Jagani** (He/Him)


Sr. Technical Program Manager | Creating customer focused FinTech products, programs and processes | Auto Refinance | Helping students in their study abroad journey (USA) & landing their dream tech job


Talks about #productmanager, #careerdevelopment, #jobsearchstrategy, #leadershipandmanagement, and #personalgrowthanddevelopment

Chico, California, United States · [Contact info](#)

<https://linktr.ee/Yudij>

 Auto Approve

 California State University-Chico

# H1B Visa Attempts

- You typically get 3 attempts while you are on OPT and OPT STEM Extension
- But there are some companies and almost all big companies will file your H1B while you are doing your masters if you secure a full time job with them
  - You typically want to get hired in Sept-Nov timeframe
  - If you ended up getting a full time job offer then your employer will file for H1b in bachelors quota and that gives you 4th attempt.
  - Hence focus on your job search strategy and getting a full time job or internship plays a very important role

# OPT vs CPT/Co-Op

OPT is post completion of your graduation	CPT and Co-op is during your graduation
You need EAD (employment authorization document) card to begin working and you need to specify a start date on that card	You need to coordinate with DSO and department for all the approvals
You can legally stay unemployed for <b>90</b> days after EAD start date	Doesn't apply
<p>You can delay upto 60 days to have your EAD start date after graduation, so if you graduate May 20,2023 then you can have your start date upto July 19, 2023.</p> <p>You should leverage this because it gives additional time to find jobs but only if you are struggling to get jobs/interviews.</p>	You only apply for CPT once you have an internship

# LinkedIn Settings



## Settings



### Account preferences



### Sign in & security



### Visibility



### Data privacy



### Advertising data



### Notifications

Sound effects

On →

Showing profile photos

All LinkedIn members →

Feed preferences

→

People also viewed

Off →

People you unfollowed

→

### Syncing options

Sync calendar

→

Sync contacts

→


### Subscriptions & payments


Billing info

→



# Linkedin Experience Section

**Pritesh (Yudi) Jagani (He/Him)**  
Sr. Technical Program Manager | Creating customer focused FinTech products, programs and processes | Auto Refinance | Hel...

**Senior Technical Program Manager**  
Auto Approve · Full-time  
Apr 2022 – Present · 1 yr 2 mos  
United States

I drive strategic and cross-functional initiatives.


I drive all aspects of program management (planning incorporating dependencies, key milestones and deliverables, data gathering, analysis, communication, risk management and mitigation, status tracking and reporting, implementation, monitoring, execution, and delivery of the initiative/program.

I influence and collaborate across organizations including engineering, product, security, legal, compliance, finance, go-to-market, and more to effectively build commitment with delivery teams, negotiate competing requirements, ensure alignment and program progress, and improve processes.

At Auto Approve we build solutions that innovates and simplify the auto refinance process using the modern technology suite (Microservices, React, Springboot, GCP, Sonar Cloud, Testrail, GitLab, etc)

- Work with Engineering and Product to develop and manage the work intake process for new requests
- Develop and manage a detailed project schedule and work plan
- Provide project updates on a consistent basis to various stakeholders about strategy, adjustments, and progress
- Manage contracts with vendors and suppliers by assigning tasks and communicating expected deliverables

**EXL**  
6 yrs 11 mos

**Software Development Manager**  
Full-time  
Jan 2020 – Apr 2022 · 2 yrs 4 mos  
Chico, California, United States


Led an onshore team of 6+ software developers to develop our core product and support new and existing clients using technologies like .net, java, node, angular, microservices, service fabric, etc.

Reduced \$25000 cost by leading a project of moving the client facing team of 50+ members from old time tracking system to existing project management tool - JIRA.

Improved the overall release quality and delivery time by 40% by introducing and influencing code review and code freeze process which also eliminated last minute scope creeps.


Managed the project with a scrum team of 7+ engineers to build a mobile application which increased client's users efficiency by 60% as it lets you connect offline when they are on the field

# Linkedin About Section

**Pritesh (Yudi) Jagani** (He/Him)  
Sr. Technical Program Manager | Creating customer focused FinTech products, programs and processes | Auto Refinance | Hel...

More

## About



Result-oriented technical program manager and senior scrum master with experience in leading large and small agile teams to deliver and build complex enterprise systems. I help the teams to do their best work and know when to "drive" versus "coach". I take initiatives to identify and resolve issues that can improve overall efficiency and effectiveness of complex programs. I have built and scaled multiple products and teams by implementing high throughput processes and managing entire SDLC for various parts of the company.

I oversee end-to-end program execution across teams / groups, including risk management, communication, issue/conflict resolution and dependency management. I collaborate with responsible partners (onshore teams and offshore teams) to proactively identify, communicate, manage and mitigate program risks. I organize and lead cadence-based stakeholders / leadership meetings, tracking actions, ensuring timely communication of program status, schedule, risks, and blockers. I drive process improvements and leverage metrics to improve transparency, overall team performance and efficiency around key cross-org programs.

I partner with cross-functional teams to deliver business value in a timely manner while maintaining a high level of quality and transparency. I work with customer facing teams and product management to support product enhancement requests and voice of the customer initiatives.

I have led programs by achieving alignment on program scope, release planning, as well as aligning one or more teams on vision, business goals, creating program structure, and securing cross-functional alignment. I partner with cross-functional teammates to drive workgroup alignment meetings to address tactical release issues, dependencies, team status, production issues, metrics review, milestones, etc. (cross functional - Product Owners, Scrum Masters, TechOps, Functional Managers, Release Management).

My areas of expertise include:

- Program Management - End to End
- Project Management (Agile, Scrums, Kanban)
- JIRA, Confluence, Bitbucket, Slack, Trello
- Software Development Life Cycle (SDLC)

# Other Resources

- H1bgrader.com - best website to find out h1b sponsored companies
- Flcdatcenter.com - for all H1b sponsored companies and salary levels based on cities
- Resumeworded.com - for improving your resume and linkedin profile (we have a pro version so if you need us to scan and send you the results - ***email team@yudij.com***)
- <https://www.jobscan.co/> - for improving your resume and linkedin profile (we have a pro version so if you need us to scan and send you the results - ***email team@yudij.com***)

# Things you will need as soon as you land in USA

- Sim card (I recommend **Mint** Mobile (now T-mobile) - cheapest)
- College ID
- Credit card/forex card
- Bank account - **Chase**
- Health Insurance (please get a good one)
- Grocery and Essentials
- Flights *(We have free Yatra Discount Coupons for Flight tickets - just email us)*
- Apartments (ideally before you come to USA)

Note\* we can help with all of these for free of cost so just ***email team@yudij.com***)

# Things to do before coming to USA

- Dental and Eye checkup - it is very expensive in USA
- Physical health checkup
- ROOMMATES! - Choose wisely - Most important part - they can break or make your masters experience
- Apartments
- Flights
- Paperwork/documents
- Shopping
- Spend time with family
- Learn cooking (trust me on this)

Note\* we can help with some of this just ***email team@yudij.com***)

# And one more thing...

I will be doing a 4-6 weeks **free live cohort** to go even more in depth regarding

- job search strategies,
- networking,
- Resume building,
- profile building and so on.

So stay tuned - I will email you to register - this is my first time hence it is **free** of cost - all I ask is your sincerity and honest feedback for future batches.