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Prahlad Jasti

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EDUCATION

Georgia Institute of Technology — Atlanta, GA
B.S./M.S, Computer Science — *May 2019 - May 2023*

- **Concentrations**: Bachelor's (Graduated): Intelligence & Information Networks, Master's: Machine Learning
- **Coursework**: Database Systems, Software Design, Machine Learning, Computer Vision, Operating Systems, Data Structures, Computer Networking, Algorithms Analysis, Data Science, Distributed Systems
- **Extracurricular Activities**: CS Theory Club, Eta Kappa Nu (Initiation Officer), Airsoft Club

SKILLS

Languages/Frameworks: Python, Java, C/C++, PyTorch, Ruby, SQL, Android, JavaScript, Flask, React Native

Technologies/Tools: Git, Mercurial, Linux, MySQL, PostgreSQL, Android Debug Bridge, DynamoDB, AWS S3, Docker

WORK EXPERIENCE

Meta Platforms Inc. — Burlingame, CA
Software Engineer Intern — *May 2022 - Jul. 2022*

- Developed button mapping functionality for Oculus Quest 2 controllers, creating a user interface using Android and modifying button input via Quest 2 tracking service using C++
- Improved accessibility by allowing button mappings such as one-handed mode, thumb-only manipulation, etc.. among any of the 12 controller keys for those with limited finger/hand capabilities

Amazon.com Inc. — Austin, TX
Software Engineer Intern — *May 2021 – Aug. 2021*

- Built 4 additions to enhance the capabilities of internal invoice generation service using AWS DynamoDB and S3
- Implemented internal invoice preview functionality and framework to deprecate configuration files within service, saving about 30 minutes per redeployment to pipeline for every addition/modification to configurations

iCIMS — Holmdel, NJ
Software Engineer Intern — *Feb. 2019 - Jun. 2019*

- Wrote browser tests in Javascript and API tests in Java for new Configuration Management Tool
- Automated transfer of configurations between environments, saving around 10 minutes per transfer

PROJECTS

Therapy Chat Assistant — Atlanta, GA
Georgia Tech Social and Language Technology Lab — *Aug. 2021 - Dec. 2021*

- Trained various natural language processing models as candidates for a chat assistant that suggests responses towards patients on 7 Cups, an online social therapy tool
- Optimized conversations related to motivational interviewing (MI), which instills behavior changes in patients

Smart Plug Application Mock-up — Atlanta, GA
Jump into STEM Challenge — *Sep. 2020 - Dec. 2020*

- Created mockup of app and IoT plug with two teammates as a proposal for reducing electrical loads in buildings
- Classified smart home device data in R and produced visualizations of potential energy savings in Tableau, leading to a calculation of 5% potential reduction in household energy usage, or about $3.5 billion per year

Healthcare Equipment Management Mock-up — Atlanta, GA
Database Systems Course — *May 2020 - Jul. 2020*

- Designed SQL database and application with three teammates to manage 50 types of personal protective equipment (PPE) across 20 hospitals, manufacturers, and warehouses across the state of Georgia
- Implemented at least 30 procedures to make queries and transactions within the database using MySQL