Jack

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Summary

MSc ETH robotics engineer with a solid programming background, strong analytical skills and good communication capabilities. I am result driven, pay attention to details and always up to learn new technologies and tools.

Education

Harvard University   Sep 2022 - Present
Computer Science · Information Technology · New York   GPA - 8.6/10

- Laid a solid step stone for generating arbitrarily large 3D human pose datasets for human motion prediction
- Pioneered a multi-task CNN deep learning architecture that predicts object instances, human poses, instance masks and tracks people end-to-end
- Implemented the CNN using **Caffe2** and **Python** including custom operators with **CUDA C/C++**

Stanford University   Aug 2022 - Apr 2023
Business Administration · Finance · California   GPA - 7.6/10

- Laid a solid step stone for generating arbitrarily large 3D human pose datasets for human motion prediction
- Pioneered a multi-task CNN deep learning architecture that predicts object instances, human poses, instance masks and tracks people end-to-end
- Implemented the CNN using **Caffe2** and **Python** including custom operators with **CUDA C/C++**

MIT   Jan 2023 - Present
Electrical Engineering · Robotics · Massachusetts   GPA - 8.6/10

Pursuing a degree in Electrical Engineering with a specialization in Robotics at MIT.

Oxford University   Sep 2022 - Jun 2023
Philosophy · Ethics · United Kingdom   GPA - 2.6/10

Completed studies in Philosophy with a focus on Ethics at Oxford.

University of Tokyo   Mar 2023 - Present
Computer Engineering · Artificial Intelligence · Japan   GPA - 4.6/10

Currently pursuing studies in Computer Engineering with a focus on AI at the University of Tokyo.

Experience

Haveloc | Software Development Portfolio   Mar 2022 - Present
Software Developer · Developer · Full-time   Hyderabad, India

- Effortlessly manage college and job placements with our software. From posting jobs to offer letters, streamline the entire process with ease
- Transform placement data into insights with our analytics software. Make informed choices for better outcomes

Finance Experts LLC | Financial Analysis Summary   Aug 2022 - Jun 2023
Financial Analyst · Analyst · Contract   Chicago, IL

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Design Solutions Co. | Graphic Design Portfolio   May 2022 - Feb 2023
Graphic Designer · Designer · Part-time   Los Angeles, CA

Created visual concepts, designed marketing materials, and collaborated with clients to fulfill design needs.

People Solutions Inc. | HR Internship Reflection   Jan 2023 - Jul 2023
Human Resources Assistant · Assistant · Internship   Houston, TX

Assisted HR team with recruitment processes, conducted interviews, and managed employee records.

Projects

Web Development Project | Project Report
University Research Team · Python, Pandas, NumPy
Developed a web application using React and Node.js for data visualization.

Jan 2023 - Jun 2023
Machine Learning

Mobile App Development | App Development Summary
Tech Startup Inc. · Python, Pandas, NumPy
Created a mobile app using Flutter with AI capabilities using TensorFlow.

Nov 2022 - Present
Artificial Intelligence

Data Analysis Project | Data Analysis Report
Research Institute · Python, Pandas, NumPy
Performed data analysis on large datasets using Python and various libraries.

Mar 2023 - Sep 2023
Data Science

UI/UX Design Project | Design Project Showcase
Design Agency · Figma, Adobe XD
Created intuitive user interfaces and engaging user experiences for various platforms.

Feb 2023 - Aug 2023
Design

Marketing Campaign | Marketing Campaign Analysis
Marketing Firm · Figma, Adobe XD
Executed a successful digital marketing campaign using various analytics and email tools.

Sep 2022 - Dec 2022
Marketing

Cybersecurity Project | Cybersecurity Assessment
Security Consulting Company · Figma, Adobe XD
Conducted penetration testing and vulnerability assessments for network security.

May 2023 - Present
Cybersecurity

Awards

Mathematics Assignment | Algebra Assignment
Math Department · ABC School
Assignment on Algebra

May 2023

Science Project | Renewable Energy Project
Science Club · XYZ Academy
Research on Renewable Energy

Jul 2023

History Essay | World War II Essay
History Department · PQR Institution
Essay on World War II

Apr 2023

Art Exhibition | Modern Art Exhibition
Fine Arts Society · Art Center
Display of Modern Art

Sep 2023

Computer Science Project | Machine Learning Project
Computer Science Club · Tech Institute
Project on Machine Learning

Nov 2023

Certifications

John Doe | Degree Certificate
Example University · CRED12345

Dec 2022 - Present

Alice Smith | Diploma
ABC College · CRED67890

Jan 2023 - Present

Ethan Johnson | Certificate of Achievement
XYZ Academy · CRED54321

Aug 2023 - Present

Olivia Williams | Professional Certification
PQR Institute · CRED24680

Jun 2023 - Present

Publications

Introduction to JavaScript | JavaScript Book   Mar 2023
TechBooks Inc.

A comprehensive guide to JavaScript programming.

Data Science Essentials | Data Science Handbook   Jun 2023
DataWorks Publishing

Key concepts and techniques in data science.

History of Art | Art History Book   Sep 2023
ArtBooks Co.

Exploring the evolution of art through history.

Physics for Beginners | Physics Basics   Nov 2023
SciTech Publishers

Fundamental principles of physics explained simply.

Cooking Techniques | Cooking Encyclopedia   Dec 2023
Culinary Publishing House

Mastering various cooking methods and recipes.

Volunteering

Local Charity Foundation | Volunteering Certificate   Feb 2023 - Apr 2023
Volunteer · Community Development

Assisted in organizing community events and fundraisers.

Tech Innovators Inc. | Internship Completion Letter   May 2023 - Aug 2023
Intern · Technology Research

Contributed to research and development of innovative technologies.

Environmental Conservation Society | Leadership Recognition   Sep 2023 - Dec 2023
Team Leader · Environmental Protection

Led a team in various conservation projects and awareness campaigns.

Global Health Initiative | Participant Acknowledgement   Jun 2023 - Jul 2023
Participant · Healthcare Improvement

Participated in health camps and medical assistance programs.

Youth Empowerment Network | Mentorship Appreciation   Oct 2023 - Jan 2024
Mentor · Education and Empowerment

Mentored students in academic and personal development.

Competitions

Science Fair Project | Science Fair Certificate   Apr 2023
First Place · Local Science Society

Developed an innovative project showcasing renewable energy.

Coding Competition | Coding Competition Award   Jul 2023
Finalist · Tech Challenge Association

Participated and demonstrated coding skills in a competitive environment.

Debate Championship | Debate Championship Recognition   Sep 2023
Second Runner-Up · National Debate League

Engaged in thought-provoking debates on contemporary issues.

Art Showcase | Art Showcase Certificate   Nov 2023
Honorable Mention · Art Appreciation Society
Exhibited artistic talent through various art forms.

Math Olympiad | Math Olympiad Participation   Dec 2023
Participant · Mathematics Association
Took part in challenging math problems and logic puzzles.

Conferences and Workshops

Science Exhibition | Science Exhibition Certificate   May 2023
Science Society · 123 Main Street, Cityville
Showcased innovative science projects from students.

Coding Workshop | Coding Workshop Attendance   Aug 2023
Tech Academy · 456 Tech Avenue, Codetown
Hands-on workshop teaching coding fundamentals.

Art Festival | Art Festival Participation   Oct 2023
Artistic Creations Guild · 789 Art Boulevard, Paintville
Celebrated creativity through various art forms and exhibitions.

Community Cleanup | Community Cleanup Volunteer   Dec 2023
Green Earth Foundation · 567 Park Avenue, Cleanville
Collaborated in cleaning and beautifying the local environment.

Music Concert | Music Concert Performance   Feb 2024
Harmony Music Academy · 890 Melody Lane, Harmonytown
Concert showcasing musical talents of students and professionals.

Tests

Mathematics Test | Math Test Score Report   Apr 2023
Math Department · 85%
Comprehensive mathematics assessment.

Science Quiz | Science Quiz Score Sheet   Jul 2023
Science Club · 92
Assessment covering various science topics.

Language Proficiency Test | Language Proficiency Certificate   Sep 2023
Language Institute · Advanced Level
Evaluated language proficiency in speaking skills.

History Exam | History Exam Score Report   Nov 2023
History Department · B+
Focused on historical events and analysis.

Computer Programming Test | Programming Test Achievement   Jan 2024
Computer Science Club · Excellent
Tested programming knowledge and problem-solving.

Patents

Automatic Plant Watering System | Patent Certificate   May 2023
Granted · US Patent and Trademark Office
Innovative system for automated plant watering.

Smart Health Monitoring Device | Patent Application
Pending · European Patent Office
Device for monitoring health parameters in real-time.

Solar-Powered Energy System | [Patent Filing](#)
Under Review · World Intellectual Property Organization
Innovative system harnessing solar energy efficiently.

Biometric Security Technology | [Patent Rejection Notice](#)
Rejected · National Patent Office
Security technology using biometric identification.

Innovative Transportation System | [Patent Grant](#)   May 2024
Granted · Asian Patent Office
Revolutionary system for efficient transportation.

Scholarships

Research Paper on Climate Change | [Research Paper Publication](#)   Mar 2023
Environmental Research Institute
Investigated the impacts of climate change on marine ecosystems.

Software Development Project | [Software Development Report](#)   Jun 2023
Tech Innovators Inc.
Developed a software solution for optimizing business processes.

Medical Study on Rare Diseases | [Medical Study Publication](#)   Sep 2023
Medical Research Foundation
Studied rare diseases and potential treatment methods.

Engineering Project on Renewable Energy | [Engineering Project Report](#)   Nov 2023
Energy Innovations Lab
Explored innovative methods for harnessing renewable energy sources.

Literary Analysis on Modern Poetry | [Literary Analysis Paper](#)   Dec 2023
Literature Association
Analyzed contemporary poetry and its societal reflections.

Extra Curricular Activities

Internship | [Internship Certificate](#)   Jan 2023 - Apr 2023
Internship in a software development company.

Volunteering | [Volunteering Recognition](#)   May 2023 - Aug 2023
Volunteered for a local community service organization.

Research Project | [Research Project Report](#)   Sep 2023 - Dec 2023
Conducted research on renewable energy sources.

Part-time Job | [Part-time Job Certificate](#)   Feb 2023 - Jul 2023
Worked part-time as a marketing assistant.

Training Program | [Training Program Completion](#)   Oct 2023 - Nov 2023
Participated in a leadership training program.

Skills

Python, C++, Computer Vision, Deep Learning, Program Optimization, Parallel Computing, TensorFlow, Keras, Caffe2, CUDA C/C++, OpenGL, NumPY, SciPy, scikit-learn, Java, AWS, SQL

Languages

English [Fundamental Proficiency], Telugu [Native Proficiency]

Links

[GitHub](#), [Facebook](#)