

Copy Biographical Information

Khandelwal, Yash; DOB: 03/06/1997; ID: 741563603

Biographical

Prefix	Mr.
First Name	Yash
Middle Name	Shyamsunder
Last Name	Khandelwal
Sex	Male
Birthdate	03/06/1997
Birthplace	Ahmednagar, India

Contact

Email	hsayyash88@gmail.com
Phone	+1 887-434-5322
Mobile	+91 8874345322
Mailing Address	Flat No. 6, Kailash Apts., Shirke Mala, B/H Hpt College Campus Nashik, Maharashtra 422005 India
Permanent Address	Flat No. 3, Manas Apts., Shirke Mala, B/H Hpt College Campus Nashik, Maharashtra 422005 India

Citizenship

Citizenship Status	Foreign National
Primary Citizenship	India

Ethnicity

Hispanic	No
Race	Asian

Copy Program Selection

Khandelwal, Yash; DOB: 03/06/1997; ID: 741563603

Form Title	Program Selection
Are you a:	Previous/current graduate student at another institution
Have you ever been assigned a gtID number? (Any of the following would result in assignment of a gtID number: you've previously applied to Georgia Tech as either an undergraduate or graduate, had official test scores sent to Georgia Tech, or otherwise been	No
Select the program you want to apply for	Computer Science - On Campus
Degree level	Masters
Campus	Atlanta
Term	Fall 2021
Hidden - Concatenation Step	Computer Science - On Campus__Masters__Atlanta__Fall 2021
Hidden - Translation Valid	1
Hidden - Calculation to Deadline Date, data type = Date ('app_calc_deadline')	2/1/2021
Hidden - Current-Date merge field, data type = Date ('current_date_formatted')	01/30/2021
Hidden - Date comparison ('app_deadline_invalid')	0

Please answer the following questions related to academic goals and funding interest

Do you plan to apply to more than one Georgia Tech graduate program?	No
Do you plan to pursue a Ph.D. in the future?	No
Are you the first in your immediate family to earn a bachelor's degree?	No

Copy Academic History

Khandelwal, Yash; DOB: 03/06/1997; ID: 741563603

Graduate #1

Institution	Indian Institute of Technology (BHU) (000000)
Dates of Attendance	01/2018 - 06/2019
Location	Varanasi, Uttar Pradesh, India
Degree	MEQV-Mtech: 08/2019
Major	Power Electronics
GPA	9.09 / 10

Undergraduate #1

Institution	Indian Institute of Technology (BHU) (000000)
Dates of Attendance	07/2014 - 12/2017
Location	Varanasi, Uttar Pradesh, India
Degree	BACEQV-BTECH: 08/2019
Major	Electrical Engineering
GPA	9.09 / 10

Copy Test Scores

Khandelwal, Yash; DOB: 03/06/1997; ID: 741563603

GRE

GRE

Verified Score
Date: 11/06/2020
GRE Verbal: 161 (88%)
GRE Quantitative: 168 (92%)
GRE Analytical Writing: 5.0 (92%)

TOEFL

TOEFL-Internet-based Test (iBT)

Verified Score
Date: 10/31/2020
TOEFL iBT Total: 113
TOEFL iBT Listening: 29
TOEFL iBT Reading: 30
TOEFL iBT Writing: 26
TOEFL iBT Speaking: 28

Copy Employment

Khandelwal, Yash; DOB: 03/06/1997; ID: 741563603

Job #1

Organization Name	Apple India Pvt. Ltd.
Dates of Employment	07/2019 - Present
Starting Position	Individual Contributor Tech 2
Ending Position	Individual Contributor Tech 2
Description	<p>I am a backend software engineer at the Ad Platforms team at Apple. Our team delivers advertisement service for Apple News in countries across the globe. I've got exposure working on a myriad of technologies such as DSA, OOP, Spring, Hibernate, Guice, Docker, Github, CI-CD, SQL, Hadoop, Kafka, etc.</p> <p>My role also allows me to closely collaborate with stakeholders of other teams, including those based in other countries such as the US, to deliver product features through a cross-team effort.</p>
Location	Hyderabad, Telangana, India
Direct/Indirect Reports	0

Job #2

Organization Name	Kyushu University
Dates of Employment	05/2017 - 07/2017
Starting Position	Research Intern
Ending Position	Research Intern
Description	<p>We designed and implemented a 2D rover that can navigate the real world autonomously without any external inputs using particle filter based localization. We used raspberry pie as the main primary onboard computation device and April tags as anchors for the robot to navigate. For odometry, we used the rotations of the wheels of the robot in the polar coordinate system. I was able to successfully deliver the project in the short period of my internship with promising results.</p>
Location	Fukuoka, Fukuoka, Japan

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Military Information

Form Title	Military Information
Are you currently active duty, a veteran, a member of the National Guard, or a Reservist in the U.S. Armed Forces?	No
Are you the spouse or dependent child under the age of 24 of someone who is currently active duty, a veteran, a member of the National Guard, or a Reservist in the U.S. Armed Forces?	No
Are you currently active duty, a veteran, a member of the National Guard, or a Reservist in any Military or Armed force?Non-U.S.	No
Are you currently employed by or on leave from any non-U.S. Government Agency?	No

Reference #1

Type	Academic
Name	Dr. Hari Gupta
Organization	Indian Institute of Technology (BHU), Varanasi, India
Title	Assistant Professor
Relationship	DIH Project Advisor
Phone	+887 4757229
Email	hariprabhat.cse@iitbhu.ac.in
Waiver	Waive my right to access this recommendation
Waiver Response	I waive my right to access this report.
Waiver Signature	Yash Shyamsunder Khandelwal
Recommendation Requested	12/05/2020
Recommendation Submitted	12/05/2020

Reference #2

Type	Academic
Name	Dr. R. Mahanty
Organization	Indian Institute of Technology (BHU), Varanasi, India
Title	Professor
Relationship	M.Tech. Project Advisor
Phone	+91 94505 40755
Email	rmahanty.eee@iitbhu.ac.in
Waiver	Waive my right to access this recommendation
Waiver Response	I waive my right to access this report.
Waiver Signature	Yash Shyamsunder Khandelwal
Recommendation Requested	12/05/2020
Recommendation Submitted	12/07/2020

Reference #3

Type	Professional
Name	Mr. Gowri Shankar Peddibhotla
Organization	Apple India Pvt. Ltd.
Title	Engineering Manager
Relationship	Engineering Manager
Phone	+91 9900038608
Email	gshankar@apple.com
Waiver	Waive my right to access this recommendation
Waiver Response	I waive my right to access this report.
Waiver Signature	Yash Shyamsunder Khandelwal
Recommendation Requested	12/05/2020
Recommendation Submitted	12/17/2020

Copy Application Documents

Khandelwal, Yash; DOB: 03/06/1997; ID: 741563603

Form Title Application Documents

Will we receive any documents for you with a name other than what you listed in this application? No

Resume/Curriculum Vitae

You may upload your resume or curriculum vitae here. Uploaded 12/05/2020

Self-reported Test Scores

TOEFL iBT Uploaded 12/05/2020

GRE Uploaded 01/08/2021

Citizenship Verification

Citizenship Verification Document Uploaded 12/05/2020

What type of visa will you require to attend Georgia Tech? F1

Personal Statement

Please state why you wish to study in your chosen program at Georgia Tech. Your statement should describe your academic background, training, and professional experiences. You should also mention honors, memberships, and extracurricular activities. Be sure

In the exponentially growing world of software, where technologies are created and discarded by the day, I understand the profound importance of continuous learning and growth. In line with the same, I wish to pursue a Master's in Computer Science from Georgia Tech.

I joined IIT (BHU) for undergraduate studies and was pleasantly surprised by the sophisticated culture that the campus had to provide. My leadership quality to accept challenges made me participate in clubs such as Robotics, Club-Of-Programmers, and Aero-modeling. Amongst these exploratory endeavors, I was introduced to the sphere of Computer Science. I quickly realized my knack for the subject and recognized its potential in my daily activities and projects.

The Aero-modeling club, till then, was mostly focused on the hardware and flight dynamics of the models. Wanting the club to become more innovative in its aspirations, I strived to bring in contemporary research activities such as autonomy in drones, picked up relevant projects, propelled the club's recognition, and acquired funding. I also actively expanded my knowledge — I self-taught data structures, algorithms, and machine learning. I also participated in competitive programming challenges to hone my skills. My achievements, career aspirations, and soft skills won me the prestigious YES Honda Scholarship by the Honda Foundation — an international award bestowed upon students excelling in science and technology. I was one of two selected from my university and went on to do a fully funded research internship under Prof. Shinji Hokamoto at Kyushu University in Fukuoka, Japan. I designed a 2D autonomous rover in my internship using particle filter-based localization and gained valuable international research exposure.

My desire to incorporate programming and leverage its capabilities is reflected even in my M.Tech project. I optimized device switching by implementing a prediction algorithm for the future binary states of the

Copy Application Documents (continued)

MOSFETs. Given a particular state, the next possible states were determined offline and maintained. This reduced time during online computation, which allowed us to increase switching frequency by a factor of ten. This in turn significantly improved the quality of the output signal. This novelty led to publishing an international research paper in the reputed IET journal and highlighted my research capabilities.

With my interest and aptitude in programming, a career in software was a natural choice. I got the opportunity to work with the likes of Apple and Microsoft, in which I chose a software development role at the former. Apple development offices were in their nascent stages in India, hence I witnessed and was part of the various challenges such an atmosphere presented. Initially, we struggled with the lack of proper development infrastructure. Fortunately, I had great mentors guiding and working alongside me, and I made sure to keep up with the dynamic pace of a start-up like environment.

Despite little formal CS training, I proactively accepted as a challenge and delivered projects involving various technologies and disparate frameworks. I independently came up with an ingenious bash script to simplify server start-up on a local machine using a single line command, thereby boosting developer productivity across my team. In a few months, I had already started working on mainstream product features and developing byzantine APIs. Always ready to learn and grow, I parallelly volunteered to contribute to projects that my colleagues were working on and provide a fresh perspective. In our team's goal to move away from a monolithic architecture to microservices-based architecture, I pulled off the migration of two critical applications. This activity gave me exposure to containerization. I also instrumented graphs for our APIs and designed dashboards. This proved to be extremely beneficial to the team as it allowed us to track real-time performance in the services and swiftly debug production issues.

I got familiar with most of our business, the various APIs and services in a short period. Because of my exemplary performance in the deliverables and profound domain knowledge, I was made the primary owner of product feature development within a year. My colleague and I are currently working on a project involving major tech-stack upgrades and optimization of critical business APIs to make them more performant, a mammoth task that has at stake millions of dollars. In addition to all of this, I regularly participated in CSR activities, such as tree plantation and holding career motivation sessions for high school students.

I believe this is the right moment for me to take up higher studies in Computer Science. I am backed by strong exposure and hands-on training in the field and have an utmost desire to learn. I am taking this decision to re-calibrate my career and explore other domains in the field. A graduate program of CS would help me acquire command over broader and more contemporarily relevant areas of interest. The expertise that I would gain out of this program, will allow me to exploit my skills in R&D and in-turn, help me maintain my innovative streak. I am strongly inclined to work in Artificial Intelligence, which is the present

Copy Application Documents (continued)

and the future. I have prior experience working with various AI aspects such as Machine learning, Artificial Neural Networks, Image Processing, Information Retrieval, and Recommender Systems.

My goals, experience, and enthusiasm demand a complimentary environment that would direct my energies in the right direction. Backed by an experienced faculty and well-established research reputation in CS, I strongly believe that Georgia Tech is the right university for me. In addition to exceptional academics and facilities, the university sports a cosmopolitan culture and attracts like-minded individuals from around the globe with whom I envision to closely collaborate and share experiences.

I am deeply motivated to become a part of the legacy of this prestigious institution which has a rich alumni history. If given a chance, I would dedicatedly work with my full efficiency to justify the trust that the admission committee has placed in me.

Safety and Legal Information

Form Title Safety and Legal Information

Have you ever been convicted of a crime other than a minor traffic violation? No

Are there any criminal charges currently pending against you? No

Have you entered a plea of guilty, a plea of no contest, a plea of Nolo contendere, an Alford plea to a criminal charge, and/or a plea under a first offender act? No

Do you currently have disciplinary or academic misconduct charges pending against you from a high school, college, or university? No

Have you ever been disciplined, suspended, or expelled for conduct code violations from a high school or post secondary educational institution? No

Copy
Certification

Certification

Signature	Yash Shyamsunder Khandelwal
Date	01/30/2021

Yash Khandelwal

+91 88743 45322
hsayyash88@gmail.com

Education

- Indian Institute of Technology (BHU), Varanasi, India (2014-2019) CGPA: **9.09/10.00**
Integrated Dual Degree (B.Tech. in Electrical Engineering and M.Tech. in Power Electronics)
- Senior secondary school 2014 Board: CBSE 88%
- Secondary school 2012 Board: CBSE 95%

Experience & Projects

APPLE INDIA PVT. LTD.; HYDERABAD, INDIA JUL 2019-PRESENT
- Individual Contributor Tech - 2

M.TECH. PROJECT AND THESIS, IIT(BHU); VARANASI, INDIA 2018-19
- Control of a 21-level Hybrid Multilevel Inverter using Modified Finite Set Model Predictive Control with reduced switching stresses

B.TECH. PROJECT, IIT(BHU); VARANASI, INDIA JAN-DEC, 2017
- Control of Multi-rotor by custom designed Android application using Bluetooth and WiFi

RESEARCH INTERNSHIP, KYUSHU UNIVERSITY; FUKUOKA, JAPAN JUL-AUG, 2017
- Simulation and application of Particle Filter based SLAM on a Rover in 2D Plane

DIH PROJECT, IIT(BHU); VARANASI, INDIA MAY-JUL, 2016
- Optimization of Visual SLAM (Simultaneous Localisation and Mapping) using ML/IP on UAV

Research Paper

Khandelwal, Y., Routray, A., Singh, R. K., & Mahanty, R. (2020). Reduced voltage stress hybrid multilevel inverter using optimised predictive control. IET Power Electronics, 13(14), 2983-2991. <https://doi.org/10.1049/iet-pel.2019.1314>

Skills

- Programming Languages : Java, Python, C, C++, SQL, Bash
- Frameworks/Libraries : Spring, Hibernate, Guice, Thrift, Numpy, iText, OpenCV
- Technologies : Docker, Kubernetes, REST, Kafka, Solr, Arduino, Raspberry pie, Git, CI-CD
- CS Exposure : Data Structures, Algorithms, Operating System, Object Oriented Programming, System Design, DBMS, Information Retrieval, Machine Learning, Image Processing, Neural Networks

Achievements

- CAT Percentile, 2019: **99.93**
- Recipient of the **Y.E.S. HONDA Award** (2016) by the Honda Foundation
- Recipient of the award **"HONOURABLE MENTION"** (2017) for achievements and contributions in the field of Aero-modelling, Gymkhana, IIT(BHU)
- First Runner Up, Multi-Rotor event, Techkriti 2017, IIT Kanpur
- First Runner Up, Biz-craft, Prastuti-2016, Electrical Engineering Dept., IIT(BHU)
- Second Runner Up, Momentum (Water Rocket Event), Technex-2015, IIT(BHU)
- First Runner Up, Group Dance, Kashiyaatra, 2015, IIT(BHU)
- First Runner Up, Group Dance, Aagman - Fresher Event, 2014, IIT(BHU)
- JEE-Advanced Rank Holder: 2714 (General Category, Approx. 99.8 Percentile)
- Recipient of Maharastra Govt. Scholarship in 7th grade

Extra-curricular activities

- Head, Ascension, Technex-2017, IIT(BHU)
- Joint Secretary of Aero-Modelling Club, IIT(BHU) Gymkhana, Varanasi 2016-2017
- Coordinator, Dronetech (Multi-rotor event), Ascension, Technex-2017, IIT(BHU)
- Coordinator, Prof. Veerbhadra Mishra Memorial Airshow, Technex-2017, IIT(BHU)
- Coordinator, Publicity Team, Prastuti-2016, Electrical Engineering Dept., IIT(BHU)
- CSR Activities: Tree Plantation, Career motivation, Science Projects, Computer lab setup

Yash Shyamsunder Khandelwal

Most Recent Test Date: November 6, 2020

Address: Flat No. 3, Manas Apts, Shirke Mala, B/H HPT College,, Nashik, Maharashtra, 422005 India

Registration Number: 8206255
Print Date: December 5, 2020

Email: hsayyash88@gmail.com

Phone: 91-8874345322

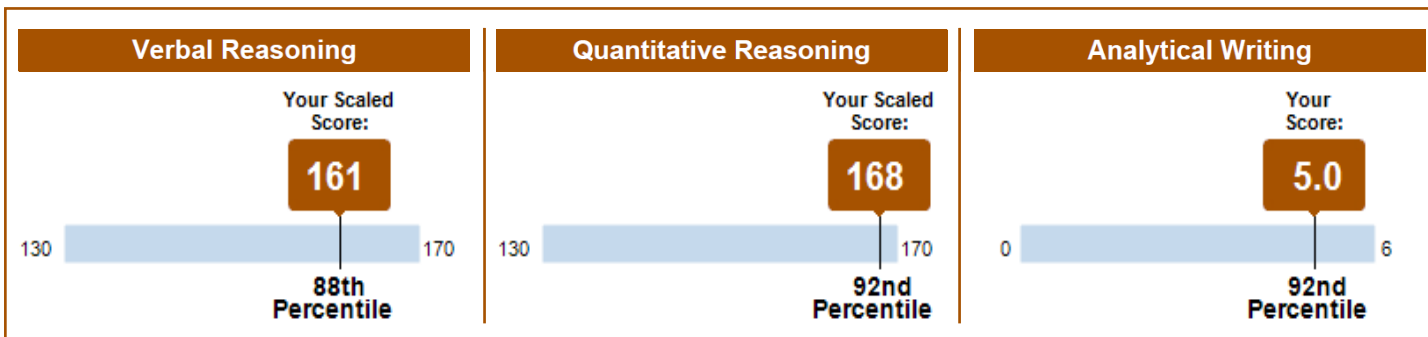
Date of Birth: March 6, 1997

Social Security Number (Last Four Digits):

Gender: Male

Intended Graduate Major: Computer Science (0402)

Your Scores for the General Test Taken on November 6, 2020



Your Test Score History

General Test Scores

Test Date	Verbal Reasoning		Quantitative Reasoning		Analytical Writing	
	Scaled Score	Percentile	Scaled Score	Percentile	Score	Percentile
November 6, 2020	161	88	168	92	5.0	92

Subject Test Scores

You do not have reportable test scores at this time.

Your Score Recipient(s)

Undergraduate Institution

Report Date	Institution (Code)	Department (Code)	Test Title	Test Date
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Yash Shyamsunder Khandelwal

Most Recent Test Date: November 6, 2020

Date of Birth: March 6, 1997

Registration Number: 8206255

Print Date: December 5, 2020

Designated Score Recipient(s)

Report Date	Score Recipient (Code)	Department (Code)	Test Title	Test Date
November 25, 2020	GEORGIA INSTITUTE TECHNOLOGY (5248)	COMPUTER SCIENCE (0402)	General Test	November 6, 2020
November 25, 2020	PURDUE U GRAD SCH (1631)	COMPUTER SCIENCE (0402)	General Test	November 6, 2020
November 25, 2020	Texas A-M University EngineeringCAS (4119)	COMPUTER SCIENCE (0402)	General Test	November 6, 2020
November 25, 2020	U CA SAN DIEGO (4836)	COMPUTER SCIENCE (0402)	General Test	November 6, 2020
November 25, 2020	U NORTH CAROLINA CHAPEL HILL (5816)	COMPUTER SCIENCE (0402)	General Test	November 6, 2020
November 25, 2020	UNIV MASSACHUSETTS AMHERST (3917)	COMPUTER SCIENCE (0402)	General Test	November 6, 2020
November 25, 2020	UNIV TEXAS AUSTIN (6882)	COMPUTER SCIENCE (0402)	General Test	November 6, 2020
November 18, 2020	U PENNSYLVANIA (2926)	COMPUTER SCIENCE (0402)	General Test	November 6, 2020
November 18, 2020	UC Berkeley (4833)	COMPUTER SCIENCE (0402)	General Test	November 6, 2020
November 18, 2020	UNIV SOUTHERN CALIFORNIA (4852)	COMPUTER SCIENCE (0402)	General Test	November 6, 2020
November 18, 2020	University Illinois Urbana Champaign All Grad Programs (1836)	COMPUTER SCIENCE (0402)	General Test	November 6, 2020

About Your GRE® Score Report

Score Reporting Policies

With the *ScoreSelect*® option, you can decide which test scores to send to the institutions you designate. There are three options to choose from:

- Most Recent option – Send your scores from your most recent test administration
- All option – Send your scores from all administrations in the last five years
- Any option – Send your scores from one OR as many test administrations in the last five years (this option is not available on test day when you select up to four FREE score reports)

Scores for a test administration must be reported in their entirety. Institutions will receive score reports that show only the scores that you selected to send to them. There will be no special indication if you have taken additional GRE tests. See the *GRE® Information Bulletin* for details. The policies and procedures explained in the Bulletin for the current testing year supersede previous policies and procedures in previous bulletins.

Scores will be sent to designated score recipients approximately 10-15 days after a computer-delivered test and 5 weeks after a paper-delivered test. If your scores are not available for any reason, you will see “Not Available” in Your Test Score History.

GRE test scores are reportable according to the following policies:

Yash Shyamsunder Khandelwal

Most Recent Test Date: November 6, 2020

Date of Birth: March 6, 1997

Registration Number: 8206255

Print Date: December 5, 2020

- For tests taken prior to July 1, 2016, scores are reportable for five (5) years following the testing year in which you tested (July 1 – June 30). For example, scores for a test taken on May 15, 2015, are reportable through June 30, 2020. GRE scores earned prior to August 2011 are no longer reportable.
- For tests taken on or after July 1, 2016, scores are reportable for five (5) years following your test date. For example, scores for a test taken on July 3, 2016, are reportable through July 2, 2021.

Note: Score recipients will only receive scores from test administrations that you have selected to send to them.

Percentile Rank (% Below)

A percentile rank for a test score indicates the percentage of test takers who took that test and received a lower score. Regardless of when the reported scores were earned, the percentile ranks for General Test and Subject Test scores are based on the scores of all test takers who tested within the most recent three-year period.

Retaking a GRE Test

You can take the GRE® General Test *once every 21 days*, up to *five times* within any continuous rolling 12-month period (365 days). This applies even if you canceled your scores on a test taken previously. You can take the paper-delivered GRE General Test and GRE® Subject Tests as often as they are offered.

Note: This policy will be enforced even if a violation is not immediately identified (e.g., inconsistent registration information) and test scores have been reported. In such cases, the invalid scores will be canceled and score recipients will be notified of the cancellation. Test fees will be forfeited.

For More Information

For information about interpreting your scores, see *Interpreting Your GRE Scores* at www.ets.org/gre/understand.

For detailed information about your performance on the Verbal Reasoning and Quantitative Reasoning sections of the computer-delivered GRE General Test, access the free GRE Diagnostic Service from your ETS account. This service includes a description of the types of questions you answered right and wrong, the difficulty level of each question, and the time spent on each question. This service is available approximately 15 days after your test administration and for six months following your test administration.

If you have any questions concerning your score report, email GRE Services at gre-info@ets.org or call 1-609-771-7670 or 1-866-473-4373 (toll free for test takers in the U.S., U.S. Territories and Canada) between 8 a.m. and 7:45 p.m. (New York Time).

Test Taker Score Report

Name: Khandelwal, Yash Shyamsunder

Last (Family/Surname) Name, First (Given) Name Middle Name

Email: hsayyash88@gmail.com

Gender: M

Date of Birth: March 06, 1997

Appointment Number: 5037 5102 0296 9769

Test Date: October 31, 2020



Khandelwal, Yash Shyamsunder
Flat No. 3, Manas Apts.
Shirke Mala
B/H HPT College Campus
Nashik, Maharashtra 422005
India

Inst. Code

Dept. Code

Country of Birth: India

Native Language: Hindi

Test Center: STN11902A - K K Wagh Inst of Engineering Education & Research

Test Center Country: India

Security Identification

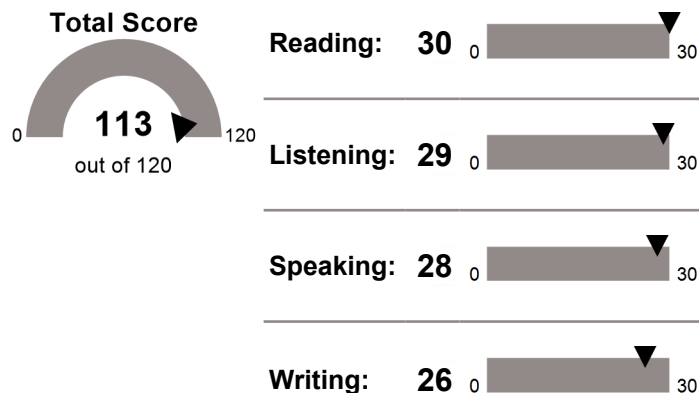
ID Type: PASSPORT

ID No.: xxxxxxxxxxxxxxxxxxxxx2781

Issuing Country: India

THIS IS A PDF SCORE REPORT, DOWNLOADED AND PRINTED BY THE TEST TAKER.

October 31, 2020 Test Date Scores

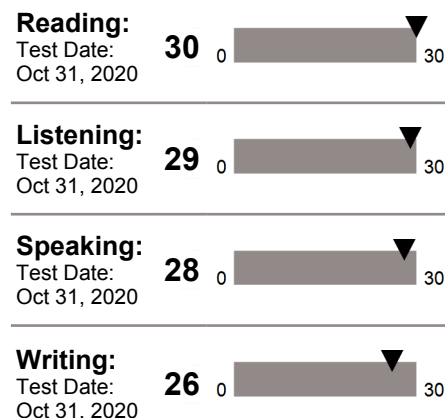


MyBest™ Scores

Your highest section scores from all valid test dates, as of November 04, 2020.

Sum of Highest Section Scores

113
out of 120



A total score is not reported when one or more sections have not been administered.
Expired scores are not included in MyBest™ calculations.

Test Taker Score Report

THIS IS A PDF SCORE REPORT, DOWNLOADED AND PRINTED BY THE TEST TAKER.

Khandelwal, Yash Shyamsunder

Date of Birth: March 06, 1997

Appointment Number: 5037 5102 0296 9769

Test Date: October 31, 2020

SCORE RANGES

Total Score	0–120
Reading	0–30
Advanced	24–30
High - Intermediate	18–23
Low - Intermediate	4–17
Below Low - Intermediate	0–3
Listening	0–30
Advanced	22–30
High - Intermediate	17–21
Low - Intermediate	9–16
Below Low - Intermediate	0–8
Speaking	0–30
Advanced	25–30
High - Intermediate	20–24
Low - Intermediate	16–19
Basic	10–15
Below Basic	0–9
Writing	0–30
Advanced	24–30
High - Intermediate	17–23
Low - Intermediate	13–16
Basic	7–12
Below Basic	0–6

INSTITUTION CODES

The Institutions and Department code numbers shown on the front page are the ones you selected before you took the test.

Dept.	Where the Report Was Sent
00	Admissions office for undergraduate study
01, 04-41, 43-98	Admissions office for graduate study in a field other than management (business) or law according to the codes selected when you registered
02	Admissions office of a graduate school of management (business)
03	Admissions office of a graduate school of law
42	Admissions office of a school of medicine or nursing or licensing agency
99	Institution or agency that is not a college or university

For additional information about TOEFL iBT scores, score ranges, and how to improve your skills, visit www.ets.org/toefl/ibt/scores.

IMPORTANT NOTE TO SCORE USERS: This is a PDF score report, downloaded and printed by the test taker. Therefore, ETS cannot guarantee that it has not been altered. To verify the scores on this report, please contact the TOEFL Score Verification Service at +1-800-257-9547 or +1-609-771-7100. Scores more than two years old cannot be reported or validated.

1/2

34

00042781

विशेष सेवा / MISCELLANEOUS SERVICE

विचारणी / OBSERVATION

पिता / मातुली अधिकारी का नाम / Name of Father / Legal Guardian
SHYAMSUNDER RADHESHYAM KHADELWAL

माता का नाम / Name of Mother
SEETA SHYAMSUNDER KHADELWAL

पति का नाम का नाम / Name of Spouse

पता / Address
FLAT NO - 3, MANAS APT, SHIRKE MALA, B/H -
HPT COLLEGE CAMPUS, NASHIK, NASHIK

PIN: 422005, MAHARASHTRA, INDIA

पुराने पासपोर्ट का नं. और वसूली वाली तारीख / Old Passport No. with Date and Place of Issue
H716197 26/11/2008 THANE

फाइल नं. / File No.
TH1077893112214

00042781

On Campus Computer Science Supplemental

Form Title On Campus Computer Science Supplemental

Research Specialization

Indicate your first choice of specialization for your graduate study and research. Machine Learning

Awards and Recognitions

Award Received YES Honda Award

Award Received2 Honorable Mention, Gymkhana, IIT(BHU)

Award Received3 First Runner Up, Multirotor Event, Techkriti, IIT-Kanpur

Publications

Title Reduced voltage stress hybrid multilevel inverter using optimised predictive control

Journal IET Power Electronics

URL (if available) <https://digital-library.theiet.org/content/journals/10.1049/iet-pel.2019.1314>

Objectives

Briefly describe your eventual (e.g., University Professor, Industry Researcher, etc.).career objective Software Developer in R&D

Please describe your (academic and extracurricular) and experience, including research, teaching, industry, and other relevant information.background My dad had been itinerant, because of which, by the time I joined university, I had already been through six schools across three countries: Bahrain, Qatar, and India. Even in a changing environment, I stayed amongst the top in my class and received a state scholarship in 7th grade. I secured admission into IIT (BHU), Varanasi, to pursue an Integrated Dual Degree in Electrical Engineering after securing 99.8 percentile in JEE-Advanced.

I was actively involved in student clubs such as programming, aeromodelling, robotics, and dance at the university. I introduced and worked on many projects within these clubs, mentored students, gave demos, led contingents for events, and held responsibility positions. I also have teaching experience as a TA for two academic courses in which I held problem-solving lectures and handled practical lab session efforts.

My projects were always multidisciplinary, borrowing heavy inputs from computer science, electronics, and mechanics. My degree projects also reflect my explorative passion. The ingenious use of a CS algorithm within my power electronics project helped me publish a research paper in the reputed IET Journal. I also got international research exposure during my pre-baccalaureate internship at Kyushu University in Japan. This internship was fully-funded through a scholarship awarded from the Y.E.S. Honda Program.

During my tenure at Apple, I got the opportunity to work on a vast breadth of technologies. I worked on Java development frameworks such as Spring, Hibernate, and Guice. Naturally, I am adept at object-

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oriented programming, data structures, operating systems, and algorithms. I also have exposure working with DevOps tools such as Docker, Team-City, and the use of CI-CD. As part of my job, I frequently interact with colleagues from other teams and countries to deliver projects through a cross-team effort. I have also gained experience working in scrum teams and making optimum use of industrial productivity tools.