

APPLICATION FOR GEORGIA RESIDENCE STATUS

GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA 30332

A UNIT OF THE UNIVERSITY SYSTEM OF GEORGIA

Only U.S. citizens, permanent residents, and H Visa holders are eligible for Georgia resident status. This form must be completed if you are claiming permanent legal residence in the State of Georgia for the purpose of paying in-state fees. All questions must be answered. Section A must be completed by the applicant. Section B of this form must be completed by the parent or legal guardian if the applicant is a dependent. Supporting documents and additional information may be requested. The completed form must be returned with your application for admission.

SECTION A – APPLICANT

1	Social Security Number _____	2	Birthdate <u>09-02-1982</u>
3	Name of Applicant <u>APICHARTTRISORN</u> LAST	<u>Kittipat</u> FIRST	MIDDLE
4	Citizenship <input type="checkbox"/> U.S. <input type="checkbox"/> Non-U.S. If Non-U.S., specify Visa or Green Card No. _____ Please include copy of Green Card or Visa.		
5	How long have you lived in Georgia? _____	6	County of Residence: _____
7	Where have you lived (in the sense of physical presence) in the last two years? List current address first.		
	FROM (mo/day/yr)	TO (mo/day/yr)	STREET ADDRESS CITY STATE ZIP CODE

8	Employment information (for at least one year prior to the date for which in-state tuition rates are sought):		
	FROM (mo/day/yr)	TO (mo/day/yr)	EMPLOYER CITY STATE HOURS PER WEEK
			Bangkok
			Bangkok
9	Do your parents or legal guardian provide over half of your financial support or claim you as a tax dependent?		YES <input type="checkbox"/> NO <input type="checkbox"/>
	If yes, Section B must be completed by parent or legal guardian.		
10	Will you have filed a tax return or paid income taxes to any state other than Georgia during the past year? If yes, explain.		<input type="checkbox"/> <input type="checkbox"/>
11	For at least one year immediately prior to the term in which you will enroll, will you have		
	a. filed a tax return or paid income taxes to Georgia on all earned income?	<input type="checkbox"/> <input type="checkbox"/>	
	b. been a registered voter in Georgia? Date registered	<input type="checkbox"/> <input type="checkbox"/>	
	c. held a valid Georgia driver's license? Date issued	<input type="checkbox"/> <input type="checkbox"/>	
	d. registered a motor vehicle in any state other than Georgia? Date registered _____ State	<input type="checkbox"/> <input type="checkbox"/>	
12	Are you or any member of your immediate family presently in the military? IF NO, GO TO QUESTION 13.		<input type="checkbox"/> <input type="checkbox"/>
	If yes, check: <input type="checkbox"/> Self <input type="checkbox"/> Spouse <input type="checkbox"/> Parent/Guardian		
	a. Are Georgia income taxes paid on all military income? If yes, please submit recent copy of Leave and Earnings Statement reflecting Georgia withholding.	<input type="checkbox"/> <input type="checkbox"/>	
	b. If your spouse is in the military, and the answer to (a) is NO, will you have resided in Georgia, been employed, and paid taxes to Georgia for at least one year immediately prior to the term in which the applicant will enroll?	<input type="checkbox"/> <input type="checkbox"/>	
	Please indicate date military member was stationed or established residence in Georgia pursuant to military orders: _____ Attach copy of orders.		
13	During the past twelve months have you attended an institution of higher learning outside the State of Georgia?		<input type="checkbox"/> <input type="checkbox"/>
	If yes, proceed to the next question.		
	Does the institution charge out-of-state fees?		<input type="checkbox"/> <input type="checkbox"/>
	If yes, have the institution's Registrar verify by letter that you paid out-of-state fees.		

I certify under penalty of disciplinary action that the information I have provided is true.

Signature of Applicant

12-10-2013

Date

GEORGIA INSTITUTE OF TECHNOLOGY

INFORMATION FROM NON-CITIZENS

Last Name: APICHARTTRISORN First Name: Kittipat Middle Name: _____
 Planned Enrollment Year: 201408 Planned Enrollment Term: 201408 Planned Major: Ph.D. in Computer Science
 Permanent Address: 7/639 Vibhavadee-Rangsit Rd. Bangkok 10900
city postal code
 Mailing Address: _____ city postal code
 E-mail Address: kittipat.api@gmail.com

For GTL and MSIL students only: Indicate the approximate beginning and ending dates of your visit.

From: _____ To: _____

STATUS INFORMATION: Country of Birth: Thailand Country of Citizenship: Thailand

☐ Yes ☒ No

Do you have a Permanent Resident Card (Green Card)?

If yes, enter Registration number and disregard the remainder of this form. _____

Registration Number

☐ Yes ☒ No

Are you currently enrolled in a college/university in the US or on OPT?

If yes, where are you enrolled (or on OPT)? _____

Name of college/university

If yes, what is your SEVIS ID number? _____

Will you need a student visa? If so, what form is desired? (check one only)

☐ I-20 for F1 Student Visa

☐ DS-2019 for J-1 Exchange Visa

DEPENDENT INFORMATION

☐ Yes ☐ No

Do you plan to come alone?

☒ Yes ☐ No

Do you plan to bring dependents with you?

If yes, how many? 1 (number is required – do not leave blank)

☐ Yes ☐ No

Do you plan to have your dependents come later?

☐ Yes ☒ No

Is your spouse applying for admission to another program at Georgia Institute of Technology?

If yes, to which program? _____

FUNDING

☒ Yes ☐ No

Do you wish to be considered for an assistantship?

If you are not offered an assistantship, what assured support do you have for your graduate study?

In US dollars: Year 1 0 Year 2 0 Year 3 0 Year 4 0

From what sources do you expect to secure these funds?

Parents or Personal Savings _____

Government Funds _____

Other _____

Source* _____

Source* _____

I certify that the information provided above is correct and complete. I understand that omission or misrepresentation of information herein may result in rejection of my application. ☒ Yes ☐ No

Rev 10/13

*****/END DOCUMENT/*****



Atlanta, Georgia

GEORGIA INSTITUTE OF TECHNOLOGY
IS A UNIT OF THE
UNIVERSITY SYSTEM OF GEORGIA

APPLICATION FOR GRADUATE ADMISSION

Degree Objective: Ph.D. Campus: GT-Atlanta Admit Term: Fall 2014

Graduate Major: Ph.D. in Computer Science

Have you ever been a GRADUATE student at Georgia Tech? ☐ YES ☒ NO

GTID: _____ If your degree objective is Masters, do you plan to pursue a PhD degree in the future? ☐ YES ☒ NO
If Yes, when? _____
If 'Other', please explain: _____

PERSONAL INFORMATION

Full Legal Name: APICHARTTRISORN Kittipat _____
Last Name (Family Name) First Name (Personal Name) Middle Name Suffix

Will we possibly receive records for you under any other name? ☐ YES ☒ NO

If yes, what name? _____

Sex: ☒ Male ☐ Female Date of Birth: 09-02-1982 mm/dd/yyyy Place of Birth: Samutprakarn, Thailand

Permanent Address: Street 7/639 Vibhavadee-Rangsit Rd.
Family Home Chatuchak
City Bangkok Country Thailand
Mail Code 10900 Permanent Telephone 66025370097
E-mail Address: kittipat.api@gmail.com

Current Address: This address is valid until: _____ mm/dd/yy
Present Location Street _____
City _____ Country _____
Mail Code _____ Current Telephone _____

FUNDING

Do you wish to be considered for Financial Assistance? ☒ YES ☐ NO
Do you require Financial Assistance in order to Attend Georgia Tech? ☒ YES ☐ NO

NOTE: Answering Yes DOES NOT constitute an application for financial aid. You MUST visit the Financial Aid website and follow all the required steps for completing an official application for financial aid. Information received in this application will be used when considering applicants for assistantships offered by the academic department only (i.e., Graduate Research Assistantship, Graduate Teaching Assistantships, etc.).

ACADEMIC HISTORY

List each institution after secondary school, **including Georgia Tech**, that you have attended or are attending. List all post-secondary degrees which have been or will be earned by your planned enrollment date. If you are currently enrolled, give the last expected date of enrollment. Unofficial transcripts may be uploaded to this application. If you are admitted, you will be asked to provide official transcripts.

College Code	Name of Institution	City	Attend From	Attend To	Degree	Degree Date	Major	GPA
Z85215	KASETSART UNIVERSITY	BANGKOK	06-2000	10-2004	BEng	10-2004	Electrical	2.49
Z84911	CHULALONGKORN	BANGKOK	05-2007	11-2010	MS	11-2010	Computer Science	3.75

TEST SCORES Please indicate the date you have taken OR will take the required test(s).

TEST	DATE	V	%	Q	%	AW	%	TOTAL SCORE
GRE	09-2013	152	53	164	89	4.0	54	
GRE SUBJECT		TOPIC:						
GMAT								
TOEFL	11-2013							107

RECOMMENDATIONS

The following individuals have agreed to provide recommendations on my behalf.

NAME	EMAIL ADDRESS	INSTITUTION
Chalermek Intanagonwiwat	cintanag@cisco.com	Cisco Systems, Inc.
Teerasit Kasetkasem	fengtsk@ku.ac.th	Kasetsart University
Yunyong Teng-amnuay	Yunyong.T@chula.ac.th	Chulalongkorn University

SELF-REPORTED BACKGROUND DISCLOSURE

Georgia Institute of Technology is committed to maintaining a safe environment for all members of our community. All applicants must answer these questions. An affirmative answer to any of these questions does not automatically bar admission to the institute, but does require review. You are required to provide an explanation for each instance you answer Yes. The statement will be used in the review process.

1. Have you ever been convicted of a crime other than a minor traffic violation? ☐ YES ☒ NO

If yes, please briefly explain here.

2. Are there any criminal charges currently pending against you? ☐ YES ☒ NO

If yes, please briefly explain here.

3. Have you entered a plea of guilty, a plea of no contest, a plea of nolo contendere, an Alford plea to a criminal charge, a plea under a first offender act? ☐ YES ☒ NO

If yes, please briefly explain here.

4. Do you currently have disciplinary or academic misconduct charges pending against you from a high school, college or university? ☐ YES ☒ NO

If yes, please briefly explain here.

5. Have you ever been disciplined, suspended, or expelled for conduct code violations from a high school or post-secondary educational Institution? ☐ YES ☒ NO

If yes, please briefly explain here.

CITIZENSHIP AND ETHNICITY INFORMATION

- | | | |
|-------------------------------------|----------------|---|
| <input type="checkbox"/> | U.S. Citizen | |
| <input checked="" type="checkbox"/> | Non-US Citizen | Country of Citizenship (if not US): <u>Thailand</u>
City and Country of Birth (if not US): <u>Samutprakarn, Thailand</u>
Visa Type You Desire (e.g., F1, J1): <u>F1</u> |

Note: Permanent Residents are classified as Non-Citizens until a Permanent Resident Card is provided.

Are you Hispanic or Latino? ☒ YES ☐ NO *Reported to federal/state agencies to evaluate civil rights compliance.*

Check all that categorize your race. (Note: Regardless of your answer to the previous question, please mark one or more races to indicate what you consider yourself to be.)

- ☐ American Indian or Alaskan Native
- ☒ Asian
- ☐ Native Hawaiian or Pacific Islander
- ☐ Black or African American

RESIDENCY *(Required for US/PR only — International applicants please leave blank)*

US State of Legal Residence _____

If GEORGIA, County of Residence _____

If you consider yourself a legal resident of the State of Georgia (US), do you expect to receive in-state tuition and fee rates? ☐ YES ☐ NO

NOTE If YES, you will be required to complete the Georgia Residency Application which is a part of this application. Once received, your credentials will be evaluated and a notation of your residency status will be entered in the applicant database and will appear on Status Checking.

All persons admitted to institutions of higher learning in the State of Georgia will be required to submit documentation proving that they are lawfully in the United States. If an applicant wishes to be considered for in-state tuition rates, he/she must also present

U.S. MILITARY INFORMATION

Are you currently active duty, a veteran, member of the National Guard or Reservist in the US Armed Forces? ☐ YES ☒ NO If yes, please specify. _____

If Active Duty, which Branch? _____ Home of Record State? _____

Are you the spouse or dependent child under the age of 24 of someone who is currently active duty, a veteran, member of the National Guard or Reservist in the U.S. Armed Forces? ☐ YES ☒ NO

CERTIFICATION

I certify that the information provided in this application is true and complete. I understand that omission or misrepresentation herein may result in automatic rejection of my application to Georgia Tech. If admitted, I agree to abide by the Rules and Regulations of the Academic honor Code of the Georgia Institute of Technology.

Signature of Applicant Kittipat APICHARTTRISORN Date 12-10-2013

PART 4 GEORGIA TECH PHD IN COMPUTER SCIENCE APPLICATION

Name: Kittipat APICHARTTRISORN

Note: This program only admits in the Fall term. The application deadline is December 15 for admission the following Fall term. We do not guarantee we will be able to read or respond to late applications. To meet deadline, only the online application is required -- supplemental material may follow.

1. Indicate your first and second choice of interest area for your graduate study and research.
You must select two choices and they must not be the same.

First Choice

Networking

Second Choice

Systems

2. ☒ Yes ☐ No Have you taken the GRE General Test (required)?

Date taken or date to be taken? 09-2013

Scores: Verbal	<u>152</u> raw	<u>53</u> %
Quantitative	<u>164</u> raw	<u>89</u> %
Analytical Writing	<u>4.0</u> raw	<u>54</u> %

3. ☐ Yes ☒ No Have you taken a GRE Subject Test?
(check program website for requirements)

If yes, which subject test did you take? _____

Date taken or date to be taken? _____

Scores: Subject Test _____(raw) _____(%)

4. ☒ Yes ☐ No Have you taken the Test of English as a Foreign Language (TOEFL) (required of all International Applicants)?

Date taken or date to be taken? 11-2013

Score: 107 (total)

5. Awards and Recognitions

List all scholastic, community, and professional awards received during your undergraduate or graduate education.

[illegible]

6. List all **fellowships and scholarships** for which you have applied and the status of that application (required).

[illegible]

7. List **other graduate programs** to which you have applied. (optional)

[illegible]

8. List any **research publications** you have had published. Be clear to specify the format of the publication (conference paper, workshop paper, journal paper, etc.).

Title	Published In
A Moving Object Tracking Algorithm Using Support Vector Machines in Binary	The 13th International Symposium on Communications and Information
Desynchronization with an artificial force field for wireless networks	SIGCOMM Computer Communication Review
Energy-Efficient Gradient Time Synchronization for Wireless Sensor Networks	2010 Second International Conference on Computational Intelligence,

9. Briefly describe your eventual **career objective**. Your space is limited to 150 characters (e.g., University Professor, Industry Researcher, etc.).

My eventual professional goal is a university professor in the field and plan to lead my own research laboratory.

10. Please describe your **background** (academic and extracurricular) and experience, including research, teaching, industry, and other relevant information. Your space is limited to 2000 characters.

During my undergraduate study I studied a wide range of mathematical subjects including four Calculus courses, a course on Probability, and another on Linear Algebra and Complex Numbers, and two courses on computer programming, data structures and algorithms/ For the Master's degree study, I passed eight credited computer science graduate courses. I studied two theoretical courses, five systems courses and one artificial intelligence course. In sum, I earn a solid foundation in computer science as a result of my undergraduate and graduate study.

I gain valuable research experience during my Master's degree study by learning critical reading, academic presentation, and publication skills. Up to now, I have published three academic publications, two of which are in international conferences' proceedings and the other is in an ACM journal namely "Energy-Efficient Gradient Time Synchronization for Wireless Sensor Networks", "Desynchronization with an artificial force field for wireless networks", and "A Moving Object Tracking Algorithm Using Support Vector Machines in Binary Sensor Networks".

I also have seven-year professional experience working at Aeronautical Radio of Thailand or Aerothai, a state enterprise under the Ministry of Transport, Thailand. One of Aerothai's principal missions is to provide safe and efficient air navigation services or air traffic control within Thailand's airspace. Specifically, the department of air traffic data systems engineering is responsible for the provision and administration of data systems that support air traffic controllers' operations. At the department, my colleagues and I design, configure, and implement those systems by taking advantage of enterprise-graded computing system products from USA. This hand-on experience has provided me with practical aspects of enterprise information systems with the safety-critical applications, and motivates me to study more deeply and broadly in computer science.

11. Please give a **Statement of Purpose** detailing your academic and research goals as well as career plans. Include your reasons for choosing the College of Computing as opposed to other programs and/or other universities. Your space is limited to 4000 characters.

I aspire to become a PhD student at the School of Computer Science, Georgia Institute of Technology, a prestigious university in the US, because I am particularly interested in its teaching and research. To begin with the teaching, the course "Computer Networks" is basically of my interest. In this course, I will have a chance to sharpen my understanding of computer networks, following a classical computer network textbook "Computer Networking: A Top-Down Approach". I studied this textbook found that its top-down approach allowed me to zoom from the big picture of the Internet's applications to individual protocols of each layer in the protocol stack. Second, "Software Defined Networking" is an interesting seminar that introduces software defined networking that allows network researchers or administrators to program the networks. It centralizes overall control into the control plane while letting the data plane forward the communication packets.

The two professors are Georgia Tech's faculty whose research projects interest and excite me. First, Associate Professor Nick Feamster is a notable and active researcher in computer networks. For example, "Measuring and Mitigating Web Performance Bottlenecks in Broadband Access Networks" is an interesting Internet measurement paper that tries to solve an everyday problem of web latency from home users' perspective. For example, when I am opening the web page www.gatech.edu and facing an annoying latency, I tend to blame either the slow web server or my poor home Internet connection. However, this paper takes advantage of a measurement tool to find the "root cause" of the latency; then, it proposes a simple solution of "home caching". Its simple concept is to pre-fetch content and information that cause the latency; as a result, a home user experiences faster web performance at the expense of trivial cache storage. His research style is a paragon of solving a practical problem with a simple solution.

Second, Professor Dr. Ling Liu's research interests span cloud, mobile, and distributed computing. Tens of her publications appear on top conference and journal articles of the research areas every year. For example, her publication "Enhanced Monitoring-as-a-Service for Effective Cloud Management" introduces monitor-as-a-service in the cloud with the features of state monitoring, self adjustment and monitoring consolidation. One of its main goals is to reduce the monitoring cost. From my perspective as a systems engineer maintaining and monitoring aeronautical data systems, this issue is important because while I want my monitoring systems to be as responsive to a problem or anomaly as possible, I need to prevent them from using a lot of my production systems resources, such as bandwidth of the networks, and memory and CPU of the servers. With the supposedly large scale of cloud computing, a monitoring with all these features is preferable and needs extensive attention from cloud computing research.

My plan after graduation with a doctoral degree is that I will look for a research or post-doc position that is related to the field of my dissertation in order to continue to accumulate research knowledge and experience. However, my eventual professional goal is a university professor in the field and plan to lead my own research laboratory. Research experience gained during the PhD study and accumulated during my tenure will play an important role in attracting funds and students into my lab.

I would like to express my appreciation to the graduate admission committee of Georgia Institute of Technology for taking my personal statement along with other application materials into consideration. I hope that the committee will be convinced that my educational background, academic and professional experience, and research ambition and motivation are the evidences sufficient to suggest that I will be an excellent student of the PhD program and a competent researcher in computer science.