

Arun Wongprommoon

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Massachusetts Institute of Technology	2019-now	GPA N/A, Candidate for Computer Science
<i>Courses include: Fundamentals of Programming, Design and Analysis of Algorithms</i>		
Phillips Exeter Academy (PEA)	2018-2019	GPA 10.60/11.00 (Cum Laude)
<i>Relevant courses: Machine Learning</i>		
Mahidol Wittayanusorn School (MWITS)	2015-2018	GPA 4.00/4.00 (Valedictorian in class of 240)





Academic Achievements

International Olympiad in Informatics 2017 (Tehran, Iran)	- silver medal
International Junior Science Olympiad 2014 (Mendoza, Argentina)	- gold medal
USA Computer Olympiad 2019	- platinum level
AMC12 2019 - distinguished honor roll	AIME12 2019 - participant
North American Computational Linguistics Olympiad 2019	- invitation round qualifier

Clubs and Positions

The Tech (MIT Newspaper) - production staff	Exeter Student Council - tech committee co-head
Exeter Computing Club - board member	MWITS Begin with C Club - co-founder, teacher
HackExeter - organizer and mentor	MWITS Advanced C++ Club - co-founder, teacher
Exeter Math Club - lower group teacher	PEAN (PEA Yearbook) - photographer
	MWITS Yearbook - artist and page designer

Projects and Contribution

 Team of 3	 Team of 3 Leader	 Team of 2 Leader
MWITS Chemical Database App keeps track of chemical stock, borrows from users <i>Android Dev, PHP, MySQL</i>	Ambient Detector notifies users of sounds matching local database <i>Android Dev, FFT, Google API</i>	Exeter Dining Hall (Android) lists weekly menus, allergies at two school dining halls <i>Android Dev, JSON, API</i>
 Team of 6	Team of 3	Team of 4
Recyclotron automatic recycling machine with bundle app <i>Android Dev, RPi, Circuits, CAD</i>	Phrase2Vec experimentation with modified word2vec and seq2seq on low resource languages <i>Pytorch, Chinese, Thai</i>	LectHub (for HackMIT) open video platform with auto captioning and crowdsource one-click modification <i>Bootstrap, JavaScript, VTT</i>

Research and Work Experience

UROP Fall 2019 - A-Maze Project: using LSTM RNN to generate false words to study sentence comprehension
Brewster Academy Royal Thai Scholars Program 2019 - teaching assistant
Testlio - software testing and localization
IOI 2019 Training Thailand - problem setting and test solving

Skills C/C++ Java/Android Dev Python HTML/CSS JavaScript
Knowledge Machine Learning Data Structures/Algorithms Thai French II Chinese I
Interests 3D Animation Photography Visual Art and Design Linguistics Music