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This certifies that Liane E. Makatura was admitted to Dartmouth College in Fall Term 2013 to the Class of 2017 as a candidate for the degree of Bachelor of Arts.

Issued on November 28, 2016

Major: Mathematics
 Major: Computer Science
 Student Status: Active
 Second Honor Group 2015-2016
 Second Honor Group 2014-2015
 Third Honor Group 2013-2014
 James O. Freedman Presidential Scholar
 Research Assistant 2016 Winter

Term	Course	Course Title	Enr.	Med. CC.	Gr.	Cit.	Term	Course	Course Title	Enr.	Med. CC.	Gr.	Cit.	
ADV	HIST000	College Board Adv Placement	1		CR		15S	COSC027	Projects in Digital Arts	19	[A-]	1	A *	
	MATH003	College Board Adv Placement	1		CR			COSC028	Adv Projects in Digital Art	17	[A-]	1	A	
	MATH008	Local Placement Test	1		CR			COSC070	Num. & Computational Tools	31	[B+]	1	A	
	MATH013	Local Placement Test	1		CR			COSC077	Computer Graphics	58	[A]	1	A *	
	SPAN002	Local Placement Test	0		EX			T.Avg.	4.00	Cum. Avg.	3.87	Cum.CC.	24	
	T.Avg.	0.00	Cum. Avg.	0.00	Cum.CC.	4								
13F	COLT001	Read the World	50	[A-]	1	A-	15X	ANTH003	Intro-Cultural Anthropology	50	[B+]	1	A	
	MATH017	Intro: Math Beyond Calculus	10	[A/A-]	1	A-		COSC050	Software Design&Implement'n	38	[A-]	1	A	
	WRIT005	Expository Writing	16	[A-]	1	A		COSC056	Digital Electronics	37	[A-]	1	A	
	T.Avg.	3.78	Cum. Avg.	3.78	Cum.CC.	7		T.Avg.	4.00	Cum. Avg.	3.88	Cum.CC.	27	
14W	COSC024	Computer Animation	14	[A-/B+]	1	A	15F	COSC083	Computer Vision	12	[B+]	1	A	
	MATH024	Linear Algebra	23	[A-]	1	A		COSC89.15	Computational Photography			1	A	
	PHYS007	History&Future of Universe	16	[A/A-]	1	A		MATH031	Topics in Algebra	20	[B+]	1	A	
	PHYS013	Introductory Physics I	100	[B]	1	B+		T.Avg.	4.00	Cum. Avg.	3.90	Cum.CC.	30	
14S	COSC001	Intro Programming&Computatn	128	[B+]	1	A	16W	COSC076	Artificial Intelligence	42	[A-/B+]	1	A	
	MATH023	Differential Equations	26	[B+]	1	A-		COSC89.09	Visual Recognition			1	A	
	SPAN003	Spanish III	86	[A-]	1	A		ENGS018	Sys Dynmc Plcy Dsgn&Anlysis	14	[A-]	1	A-	
T.Avg.	3.89	Cum. Avg.	3.83	Cum.CC.	14	T.Avg.	3.89	Cum. Avg.	3.90	Cum.CC.	33			
14F	COSC010	ProbSolving:Object-Oriented	53	[B+]	1	A *	16S	COSC031	Algorithms	59	[A-]	1	A *	
	COSC29.01	Foundations: Digital Design	19	[A-]	1	A *		COSC89.07	Computational Fabrication	10	[A-]	1	A *	
	MATH025	Number Theory	36	[A-]	1	B+		PHIL31.05	Time, Truth and Fate	21	[A-]	1	A-	
	T.Avg.	3.78	Cum. Avg.	3.82	Cum.CC.	17		PSYC028	Cognition	130	[B+]	1	A-	
T.Avg.	3.78	Cum. Avg.	3.82	Cum.CC.	17	T.Avg.	3.83	Cum. Avg.	3.89	Cum.CC.	37			
15W	COSC022	3-D Digital Modeling	22	[A-]	1	A *	17W	MATH035	Real Analysis					
	COSC030	Discrete Math Computer Sci	66	[B]	1	A-		MATH042	Differential Geometry I					
	ENVS011	Humans & Nature in America	25	[B+]	1	A		MATH076	Topics in Applied Math					
	T.Avg.	3.89	Cum. Avg.	3.83	Cum.CC.	20								

Courses which exceeded the median grade: 25
 Courses which equaled the median grade: 4
 Courses below the median grade: 2
 Courses taken eligible for this comparison: 31

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Liane E. Makatura

Dartmouth College Transcript

Page 2

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END OF RECORD

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Citation for Meritorious Performance

for

Liane E. Makatura '17

Computer Science 010

"Liane Makatura had the highest midterm exam grade and the second highest overall average of the 130 students in CS 10. She also did an impressive amount of extra credit work."

Fall Term 2014

Robert L. Drysdale III
Professor, Computer Science

Computer Science 29.01

"Liane's work in Foundations: Digital Design was exemplary and extraordinary. This citation is to note the hard work and high caliber of her performance in my class. Well done!"

Fall Term 2014

James M. Mahoney
Dartmouth Faculty

Computer Science 022

"Liane is amazing! She shows up, every day, works long and hard on every assignment, and is talented, creative, and skilled. I've rarely met anyone like Liane. Liane cares about her work deeply and has the ability to go very far with both her technical work and her creative work. Liane's room project was one of the best I've seen--meticulous in detail and well-executed. She is not afraid to try new things or learn on her own. Her biped--quadruped, actually--was cute, and very well modeled. Liane could find a career as a technical director at Pixar! "

Winter Term 2015

Lorie Loeb
Research Associate Professor, Computer Science

Computer Science 027

"This citation is to recognize the outstanding qualities of this student. Liane naturally evolved as the leader of her team and conducted herself in that role with grace and aplomb. She was a mentor to her teammates and guided them with skill and expertise. She has been, and remains one of the most exemplary students I've had the pleasure to have in my class."

Spring Term 2015

James M. Mahoney
Dartmouth Faculty

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Citation for Meritorious Performance

for

Liane E. Makatura '17

Computer Science 077

"Excellent dedication. Consistently high quality course work, great engagement level in lectures."

Spring Term 2015

Emily J. Whiting
Assistant Professor, Computer Science

Computer Science 031

"Liane got a solid A in COSC 31, and she typeset her solutions using LaTeX."

Spring Term 2016

Thomas H. Cormen
Professor, Computer Science

Computer Science 89.07

"Excellent performance in all aspects of the course: insightful contributions in the reading group series, and well executed final project."

Spring Term 2016

Emily J. Whiting
Assistant Professor, Computer Science

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