Name: Henry N. Osei Student ID: 0635900 Birthdate: 06-16-####

## Towson University

OFFICE OF THE REGISTRAR 8000 YORK ROAD TOWSON, MARYLAND 21252-0001

### **Unofficial Transcript**

Print Date:	12-26-2020					Program:	: Ba	achelor of Science	Sprg 2018				
Beginning of Undergradua		Record				Plan: Subplan:		omputer Science Major omputer Security Track					
						Course		Description		Attempted	Earned	<u>Grade</u>	<u>Points</u>
Program: Bac	Fall 2016 helor of Science					cosc	109	COMPUTERS AND CRI	EATIVITY	3.00	3.00	Α	12.000
Plan: Computer Science Major						cosc	237	INTRO TO COMPUTER Repeat Included	SCIENCE II	4.00	4.00	B-	10.680
Course	Description	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>	cosc	290	PRINCIPLES OF COMF	UTER ORGANIZ	4.00	4.00	В	12.000
COSC 111	INFO & TECH FOR BUS	3.00 4.00	3.00	B+	9.990	MATH	273	CALCULUSI		4.00	4.00	С	8.000
COSC 175			4.00	C+	9.320			Repeat Included					
			3.00	B-	8.010	MATH	314	INTRODUCTION TO CF	RYPTOGRAPHY	3.00	0.00	D+	0.000
MATH 119	PRE-CALCULUS	4.00	4.00	С	8.000			Repeat Excluded					
				GPA Hrs			Term GPA	: 2.845	Term Totals:	40.00	45.00	GPA Hrs	40.000
Term GPA: Cum GPA:	2.523 Term Totals: 2.523 Cum Totals:	14.00 14.00	14.00 14.00	14.00 14.00	35.320 35.320		Cum GPA:		Cum Totals:	18.00 63.00	15.00 45.00	15.00 45.00	42.680 115.010
	Sprg 2017							1	Sumr 2018				
Program: Bac	helor of Science					Program:		achelor of Science	Jun. 2010				
Plan: Con	Plan: Computer Science Major					Plan:		omputer Science Major					
Course	Description	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>	Subplan:	Co	omputer Security Track			_		
CIS 211	FUNDMNTLS INFO SYS& TECH	3.00	3.00	B-	8.010	Course	,	<u>Description</u>		Attempted	Earned	<u>Grade</u>	<u>Points</u>
COSC 236	INTRO TO COMPUTER SCIENCE I	4.00	4.00	С	8.000	GERO	101	INTRODCTN TO GERO	NTOLOGY	3.00	3.00	Α	12.000
GEOG 101	PHYSICAL GEOGRAPHY	3.00	3.00	С	6.000							<b>GPA Hrs</b>	
MATH 273	CALCULUSI	4.00	0.00	W	0.000		Term GPA		Term Totals:	3.00	3.00	3.00	12.000
TSEM 102	TOWSON SEMINAR HIST: America in the 1960s	3.00	0.00	D+	0.000	(	Cum GPA:	2.646	Cum Totals:	66.00	48.00	48.00	127.010
Topic:								F-II 0040					
Repeat Excluded				GPA Hrs		Program:	· Ba	achelor of Science	Fall 2018				
Term GPA:	2.201 Term Totals:	17.00	10.00	10.00	22.010	Plan:	Co	omputer Science Major					
Cum GPA:	2.389 Cum Totals:	31.00	24.00	24.00	57.330	Subplan:	Co	emputer Security Track					
						Course		<u>Description</u>		<u>Attempted</u>	Earned	<u>Grade</u>	<b>Points</b>
	Fall 2017					COSC	310	SPECIAL TOPIC: ADV I	PROGRAMMING	3.00	0.00	F	0.000
Program: Bachelor of Science Plan: Computer Science Major Subplan: Computer Security Track							Topic:	Windows Prog&Assemb					
						COSC	336	DATA STRUCT/ALGOR		4.00	4.00	С	8.000
·	Description	Attompted	Earned	<u>Grade</u>	Dointo	COSC	350	DATA COMM & NETWO	ORKING	3.00	3.00	B-	8.010
Course		Attempted			<u>Points</u>	MATH	274	CALCULUS II Repeat Excluded		4.00	0.00	F	0.000
ANTH 207	CULTURAL ANTHROPOLOGY	3.00	3.00	B F	9.000			Ropout Exolution				GPA Hrs	
COSC 237	INTRO TO COMPUTER SCIENCE II Repeat Excluded	4.00	0.00	r	0.000	-	Term GPA	: 1.601	Term Totals:	14.00	7.00	10.00	16.010
MATH 263	DISCRETE MATHEMATICS	3.00	3.00	С	6.000		Cum GPA:		Cum Totals:	80.00	55.00	58.00	143.020
MATH 273	CALCULUS I	4.00	0.00	D+	0.000								
	Repeat Excluded								Mini 2019				
				GPA Hrs		Program:		achelor of Science					
Term GPA:	2.500 Term Totals:	14.00	6.00	6.00	15.000	Plan: Subplan:		omputer Science Major omputer Security Track					
Cum GPA:	2.411 Cum Totals:	45.00	30.00	30.00	72.330	•	Cu			A44	F	0	Defeat
						Course		Description		Attempted	Earned	<u>Grade</u>	<u>Points</u>
						HLTH	101	WELLNESS / DIVERSE	SOCIETY	3.00	3.00	Α	12.000

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Plan:

Computer Science Major

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	Term GPA: Cum GPA:	4.000 2.541	Term Totals: Cum Totals:	3.00 83.00	3.00 58.00	<u>GPA Hrs</u> 3.00 61.00	12.000 155.020				m Montgomery Coll Roc chelor of Science Program Description		Attempted	Earned	<u>Grade</u>	<u>Points</u>
									СОММ	131	PUBLIC SPEAKING		3.00	3.00	В	0.000
Prograi Plan:		helor of Science nputer Science Major	Sprg 2019						Course	Trans GPA:	0.000	Transfer Totals:	3.00	3.00	GPA Hrs	0.000
Course	2	Description		Attempted	Earned	<u>Grade</u>	<u>Points</u>			Term GPA:		Term Totals:	0.00	0.00	0.00	0.000
BIOL	200	INTRO CELL BIO &GE Repeat Excluded	NETICS [LEC]	3.00	0.00	D	0.000			Cum GPA:	2.642	Cum Totals:	124.00	95.00	95.00	251.010
BIOL	200L	INTRO CELL BIO &GE	NETICS [LAB]	1.00	1.00	С	2.000			Sprg 2020						
COSC	412	SOFTWARE ENGINEE	RING	3.00	3.00	B-	8.010				achelor of Science					
COSC	439	OPERATING SYSTEM	IS	3.00	3.00	С	6.000				mputer Science Major					
COSC	457	DATABASE MANAGEI	MENT SYSTEMS	3.00	3.00	C+	6.990		Course		Description		<u>Attempted</u>	<b>Earned</b>	<u>Grade</u>	<u>Points</u>
ENGL	317	WRITING BUSINESS & INDUSTRY		3.00	3.00	Α	12.000		BIOL	200	INTRO CELL BIO &GE	NETICS (LEC)	3.00	3.00	B-	8.010
MATH 314		INTRODUCTION TO C	RYPTOGRAPHY	3.00	3.00	C+	6.990				Repeat Included					
		Repeat Included							COSC	417	INTRO TO THEORY O	F COMPUTING	3.00	0.00	NCR	0.000
						<b>GPA Hrs</b>			cosc	436	OBJCT-ORIENT DESIG	GN & PROG	3.00	3.00	B+	9.990
	Term GPA: Cum GPA:	2.624 2.559	Term Totals: Cum Totals:	19.00 102.00	16.00 74.00	16.00 77.00	41.990 197.010	$\wedge$	MATH	274	CALCULUS II ASC Repeat Included		4.00	4.00	С	8.000
									TSEM	102 Topic:	TOWSON SEMINAR GEOG:Earth's Changin	ng Climate	3.00	3.00	С	6.000
Progra	m· Bac	helor of Science	Sumr 2019							. ор.о.	Repeat Included	.g ca.c				
Plan:		nputer Science Major								Term GPA:	2.462	Term Totals:	16.00	12.00	GPA Hrs 13.00	22.000
Course	2	<u>Description</u>		<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>			Cum GPA:		Cum Totals:	140.00	13.00 108.00	108.00	32.000 283.010
HLTH	HLTH 220 SEXUALITY IN DIVERSE SOCIETY		3.00	3.00	Α	12.000		Spring 2		s were completed during			100.00	100.00	200.010	
						GPA Hrs							0 ,			
	Term GPA:	4.000	Term Totals:	3.00	3.00	3.00	12.000					Sumr 2020				
	Cum GPA:	2.613	Cum Totals:	105.00	77.00	80.00	209.010		Program Plan:		chelor of Science mputer Science Major					
			Fall 2019						Course	00.	Description		Attempted	Earned	<u>Grade</u>	<u>Points</u>
Prograi	m: Bac	helor of Science	1 411 2013													
Plan:		nputer Science Major							ASTR	161	THE SKY AND THE SC		4.00	4.00	A	16.000
Course	2	Description		Attempted	Earned	Grade	<u>Points</u>		MATH	265	ELEMENTARY LINEAR		4.00	0.00	F	0.000
COSC	418	ETHICAL & SOCIETAL	0200	3.00	3.00	В	9.000		MATH	330	INTRO TO STATISTIC	AL METHODS	4.00	4.00	B-	10.680
COSC	440	OPERATING SYSTEM		3.00	3.00	B-	8.010								GPA Hrs	
cosc	450	NETWORK SECURITY		3.00	3.00	В-	9.000			Term GPA: Cum GPA:		Term Totals: Cum Totals:	12.00 152.00	8.00 116.00	12.00 120.00	26.680 309.690
cosc	450 455	PROG LANG:DSIGN/II		3.00	3.00	C+	6.990				2.561 ses were completed durin			116.00	120.00	309.690
ITEC	201	METROPOLITAN IT IN		3.00	3.00	B B	9.000		Cummo	2020 00010	see were completed duffi	g a state and national	cinorgency.			
MATH	274	CALCULUS II	IFRASIRUCIURE	4.00	0.00	F	0.000					Fall 2020				
IVIATO	274	ASC Repeat Excluded		4.00	0.00		0.000		Program Plan:		chelor of Science mputer Science Major	Fall 2020				
	Tarm 00*	2.000	Town Totals	10.00	45.00	GPA Hrs	40.000			001			A44a	Farred	Cup-1-	D-!
	Term GPA: Cum GPA:	2.800 2.642	Term Totals: Cum Totals:	19.00 124.00	15.00 92.00	15.00 95.00	42.000 251.010		Course		<u>Description</u>		Attempted	Earned	<u>Grade</u>	<u>Points</u>
	Julii Oi A.	2.072	Julii Totals.	124.00	32.00	33.00	201.010		COSC	471	COMPUTER GRAPHIC	S	3.00	3.00	Α	12.000
			MI-1 0000						GEOL	121	PHYSICAL GEOLOGY		4.00	4.00	B-	10.680
Prograi	m· Rac	helor of Science	Mini 2020													
Plan:		nnuter Science Maior														

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#### **Unofficial Transcript**

**Undergraduate Career Totals** 

Cum GPA: 2.617 Cum Totals: 159.00 123.00 127.00 332.370

Catalog Year 2016-2017

End of Undergraduate Record End of Transcript