



OFFICE OF THE UNIVERSITY REGISTRAR
Blacksburg, VA 24061

Student Name: Zhao, Charles Tb
 Student ID: 906 35 7212
 Date of Birth: JUL 15, 2002

STUDENT'S RECORD

Subject Title	Dept.	No.	Hrs.	Gr.	Qual.	Cr.	Subject Title	Dept.	No.	Hrs.	Gr.	Qual.	Cr.
Undergraduate													
MAJOR: General Engineering													
Transfer Credit: Advanced Placement Attendance Period: Sum I 2020 Credits Accepted: 24.00													
Transfer Credit: Advanced Standing Attendance Period: SS2021 Credits Accepted: 3.00													
Transfer Credit: Pasadena City College Attendance Period: SU21 Credits Accepted: 3.00													
Fall 2020													
Foundations of Engineering	ENGE	1215	2	A-		7.4	Circuits and Devices	ECE	2024	3	B-		8.1
Intro Multivariable Calculus	MATH	2204	3	B		9.0	Computational Engineering	ECE	2514	3	A		12.0
Intro Discrete Math	MATH	2534	3	B		9.0	Fundamentals Digital Systems	ECE	2544	3	C+		6.9
Morality and Justice	PHIL	1304	3	A		12.0	Travel & Tourism Management	HTM	2454	3	B		9.0
Foundations of Physics	PHYS	2305	4	A-		14.8	Design Appreciation	ITDS	1114	3	A		12.0
			15			52.2	Foundations of Physics	PHYS	2306	4	B+		13.2
906 35 7212													61.2
TERM GPA: 3.48 Cum GPA: 3.48													
Spring 2021													
General Chemistry													
General Chemistry Laboratory													
Introduction to ECE Concepts													
Foundations of Engineering													
First-Year Writing													
World Regions													
Introduction to Linear Algebra													
													18
													62.1
906 35 7212							TERM GPA: 3.45						
							Cum GPA: 3.46						
MAJOR: Computer Engineering													
Fall 2021													
Circuits and Devices													
Computational Engineering													
Fundamentals Digital Systems													
Travel & Tourism Management													
Design Appreciation													
Foundations of Physics													
													19
906 35 7212							TERM GPA: 3.22						
							Cum GPA: 3.37						
Spring 2022													
Personal Financial Planning													
Physical Electronics													
Embedded Systems													
Signals and Systems													
Integrated Design Project													
													14
906 35 7212							TERM GPA: 3.26						
							Cum GPA: 3.35						
MAJOR: Networking & Cybersecurity													

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Richard A. Sparks, Jr.
 University Registrar





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Subject Title	Dept.	No.	Hrs.	Gr.	Qual.	Cr.	Subject Title	Dept.	No.	Hrs.	Gr.	Qual.	Cr.
Summer 2022							Fall 2023						
Prob & Stat for EE	STAT	4714	3	A		12.0	Applied Software Design	ECE	3574	3	A		12.0
906 35 7212					3	12.0	Artif Intellig and Engr Appl	ECE	4524	4	B+		13.2
							Comp and Net Security Fund	ECE	4560	3	A		12.0
							Network Application Design	ECE	4564	3	A		12.0
							Senior Design Project	ECE	4805	3	A		12.0
										16			61.2
Fall 2022							906 35 7212						
Life in the Built Environment	ARCH	1044	3	A		12.0	TERM GPA: 3.82						
Plants and Civilization	BIOL	1064	3	A		12.0	Cum GPA: 3.58						
Principles Comp Architecture	ECE	3504	3	A-		11.1	Spring 2024						
Data Structures & Algorithms	ECE	3514	3	A		12.0	IS Security and Assurance	ACIS	4684	3	B+		9.9
Greek and Roman Myth	ENGL	2444	3	A-		11.1	Principles Computer Security	CS	4264	3	A		12.0
Human Sexuality	HD	2314	3	W		0.0	Senior Design Project	ECE	4806	3	A		12.0
Drug Education	PHS	3534	3	A		12.0	Advanced Machine Learning	ECE	5424	3	A		12.0
906 35 7212					21	70.2	Fundamentals of Info Security	ECE	5560	3	A		12.0
										15			57.9
							906 35 7212						
							TERM GPA: 3.86						
							Cum GPA: 3.61						
Spring 2023							Conferred the Bachelor of Science in Computer Engineering						
Cloud Software Development	CS	3754	3	W		0.0	Major -- Networking & Cybersecurity						
Intro to Computer Networking	ECE	3564	3	A		12.0	Magna Cum Laude, on MAY 08, 2024						
Applied Software Design	ECE	3574	3	W		0.0	Completed the Minor in Cybersecurity						
Cybersecurity Seminar	ECE	4944	1	P		P/F	*****End of Undergraduate Record*****						
Music Appreciation	MUS	1104	3	A		12.0							
Introduction to Public Health	PHS	2004	3	A		12.0							
Intro App Collaborative Tech	TA	2404	3	A		12.0							
906 35 7212					19	48.0							
Undergraduate Bachelors/Masters Program													

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Subject Title	Dept.	No.	Hrs.	Gr.	Qual.	Cr.	Subject Title	Dept.	No.	Hrs.	Gr.	Qual.	Cr.																															
Graduate Bachelors/Masters Program																																												
Virginia Tech Bachelor/Master:																																												
FS23-SS24																																												
Comp and Net Security Fund	ECE	4560	3	A		12.0	*****End of Transcript*****																																					
Principles Computer Security	CS	4264	3	A		12.0	Printed: MAY 29, 2025																																					
Advanced Machine Learning	ECE	5424	3	A		12.0																																						
Fundamentals of Info Security	ECE	5560	3	A		12.0																																						
			12			48.0																																						
Graduate Regular Masters																																												
MAJOR: Computer Engineering																																												
Fall 2024																																												
Cybersecurity and the IoT	ECE	5480	3	A		12.0																																						
IT Security and Trust	ECE	5585	3	A		12.0																																						
SS:Industry Topics and Prof	ECE	5984	3	P		P/F																																						
906 35 7212	TERM GPA:	4.00				9																																						
	Cum GPA:	4.00																																										
Spring 2025																																												
Cyber-Physical Systems	ECE	5434	3	A		12.0																																						
System and Software Security	ECE	5590	3	A		12.0																																						
Project and Report	ECE	5904	3	EQ		EQU CR																																						
906 35 7212	TERM GPA:	4.00				9																																						
	Cum GPA:	4.00																																										
Conferred the Master of Engineering																																												
Major -- Computer Engineering																																												
on MAY 14, 2025																																												

