

**Degree Audit Checklist Report**  
**For:** Shengjie Pan **as of:** 08/31/2015  
**UMID:** 68875673 **Username:** JESSEPAN  
**CTP:** 137.00 **In Progress:** 0.00 **GPA:** 3.861

**\*\* This is an unofficial audit to be used as a resource for planning purposes only. Students are responsible for being aware of all degree requirements and their progress toward degree. An official audit performed by your school/college is required prior to graduation. Contact your advisor for details. Note that all course and credit counts in the requirements below include both completed and in-progress credits.**

**Program**  
Engineering UG Degree Program  
Computer Science BSE

**Requirement Term**  
Fall 2015  
Fall 2015

**Expected Grad Term**  
Winter 2017

**Degree Checkout Status**  
Applied for Graduation

✔ - Complete    ✖ - Not Complete    ⚪ - In Progress

## COMMON REQUIREMENTS

**Credits:** 39.00 completed/in-progress

### Complete: CSE

✔	MATH 115 transfer	FA 2015	MATH 285	Honors Calc III	4.00	T
		<i>MATH 285 has been directed to this line. FA15 Math 285 T from SJTU meets 214 requirement</i>				
✔	MATH 116	FA 2015	MATH 116	Calculus II	4.00	T
✔	MATH 214	WN 2016	MATH 217	Linear Algebra	4.00	A
✔	MATH 215 or 216	FA 2015	MATH 256	App Honors Calc IV	4.00	T

### Complete: [ENGLISH 124 or 125] and [ENGR 101 or 151] for EECS

✔	ENGLISH 124 or 125 is required	FA 2015	ENGR 100	Intr Engineering	4.00	T
✔	ENGR 101, 151 or alternate is required	FA 2015	ENGR 101	Intro Comp&Prog	4.00	T

### Complete: EECS

✔	CHEM 125, 126, 130	FA 2015	CHEM 125	Gen Chem Lab I	1.00	T
		FA 2015	CHEM 126	Gen Chem Lab II	1.00	T
		FA 2015	CHEM 130	G Chem&R Princ	3.00	T

### Complete: EECS

✔	PHYSICS 140	FA 2015	PHYSICS 140	General Phys I	4.00	T
✔	PHYSICS 141	FA 2015	PHYSICS 141	Elem Lab I	1.00	T
✔	PHYSICS 240	FA 2015	PHYSICS 240	General Physics II	4.00	T
✔	PHYSICS 241	FA 2015	PHYSICS 241	Elem Lab II	1.00	T

## INTELLECTUAL BREADTH

**Credits:** 19.00 completed/in-progress

### Complete: Intellectual Breadth

✔	Humanities - 3 units required	FA 2015	ASIAN 363	China Drama&Theater	3.00	T
✔	3 units in the Humanities or LACs must be at the 300 level or above	FA 2015	ASIAN 363	China Drama&Theater	3.00	T
✔	16 Units Required: Intellectual Breadth Total Units (Humanities (HU): Liberal Arts Courses (LACs): Professional & Creative Development Courses (PCDC) NOTE: only 4 units of PCDC may be used in the requirement)	FA 2015	ASIAN 363	China Drama&Theater	3.00	T
		FA 2015	ENGCMPTC 101X	Departmental	4.00	T
		FA 2015	ENGCMPTC 102X	Departmental	4.00	T
		FA 2015	SAC 101X	Departmental	4.00	T
		FA 2016	ECON 101	Principle Econ I	4.00	A

## RESIDENCY REQUIREMENT

### Complete: 50 units minimum residency taken at UM-AA campus

✔	50 units from the Ann Arbor Campus	59.00				
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## UNIT AND GPA REQUIREMENTS

### Complete: ENG Total Units, and GPA requirements

✔	128 units are required	137.00				
✔	Cumulative GPA of 2.00 or higher	3.861				

## COMPUTER SCIENCE MAJOR CORE

### Complete: Program Subjects - Grade C or higher required. Specific classes below or equivalent, are required.

✔	EECS 203 or equivalent	FA 2015	EECS 203	Discrete Math	4.00	T
✔	EECS 280 or equivalent	FA 2015	EECS 280	Prog&Data Struct	4.00	T

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✓	EECS 281 or equivalent	FA 2015	EECS 281	Data Struct&Algor	4.00	A+
✓	EECS 370 or equivalent	FA 2015	EECS 370	Intro Computer Org	4.00	A
✓	EECS 376 or equivalent	FA 2015	EECS 376	Foundatns Comp Sci	4.00	A+
✓	EECS 496 or equivalent	FA 2016	EECS 496	Major Design/Prof	2.00	A-
✓	TCHNCLCM 300 or equivalent	FA 2015	TCHNCLCM 300	Tech Comm for EE&CE	1.00	T
✓	TCHNCLCM 497 or equivalent	FA 2016	TCHNCLCM 497	Adv Tch Com for CS	2.00	A
✓	STATS 250, 412, 426, IOE 265, or EECS 301	FA 2015	STATS 412	Intro Prob Stat	3.00	T

**Complete: Major Design Experience**

✓	EECS 441, 467, 470, 473 (taken Fall 14 or later), 481, 494, 497	FA 2016	EECS 481	Software Engin	4.00	B+
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## COMPUTER SCIENCE TECHNICAL ELECTIVES

**Complete: Technical Electives for Computer Science**

✓	Upper Level CS Technical Electives: 16 units required	WN 2016	EECS 388	Intro Comp Security	4.00	A-
		WN 2016	EECS 482	Intro Oper System	4.00	A-
		WN 2016	EECS 484	Database Mgt Syst	4.00	A
		FA 2016	EECS 445	Intro Machine Learn	4.00	A+
					16.00	
✓	18 CS Units	FA 2015	EECS 270	Intro Logic Design	4.00	T
		FA 2015	EECS 285	Prog Lang or Syst	2.00	A+
		WN 2016	EECS 388	Intro Comp Security	4.00	A-
		WN 2016	EECS 482	Intro Oper System	4.00	A-
		WN 2016	EECS 484	Database Mgt Syst	4.00	A
					18.00	
✓	Flexible Technical Electives: 10 units required	FA 2015	EECS 215	Intro to Elect Circ	4.00	T
		FA 2015	EECS 216	Intro Signals&Syst	4.00	T
		FA 2015	EECS 230	EMAG I	2.00	T
					10.00	
✓	MDE + UL CS TE + FTE (30 units required)	FA 2015	EECS 215	Intro to Elect Circ	4.00	T
		FA 2015	EECS 216	Intro Signals&Syst	4.00	T
		FA 2015	EECS 230	EMAG I	2.00	T
		WN 2016	EECS 388	Intro Comp Security	4.00	A-
		WN 2016	EECS 482	Intro Oper System	4.00	A-
		WN 2016	EECS 484	Database Mgt Syst	4.00	A
		FA 2016	EECS 445	Intro Machine Learn	4.00	A+
		FA 2016	EECS 481	Software Engin	4.00	B+
					30.00	

## COMPUTER SCIENCE RESIDENCY, GPA REQUIREMENTS

**Complete: Computer Science Residency and GPA requirements**

✓	30 units 300 or higher technical courses taken at UM-AA while enrolled in CoE				32.00	
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✓	Major GPA (Minimum 2.0)				3.832
		FA 2015	EECS 203	Discrete Math	4.00 T
		FA 2015	EECS 215	Intro to Elect Circ	4.00 T
		FA 2015	EECS 216	Intro Signals&Syst	4.00 T
		FA 2015	EECS 230	EMAG I	4.00 T
		FA 2015	EECS 270	Intro Logic Design	4.00 T
		FA 2015	EECS 280	Prog&Data Struct	4.00 T
		FA 2015	EECS 281	Data Struct&Algor	4.00 A+
		FA 2015	EECS 285	Prog Lang or Syst	2.00 A+
		FA 2015	EECS 370	Intro Computer Org	4.00 A
		FA 2015	EECS 376	Foundatns Comp Sci	4.00 A+
		WN 2016	EECS 388	Intro Comp Security	4.00 A-
		WN 2016	EECS 482	Intro Oper System	4.00 A-
		WN 2016	EECS 484	Database Mgt Syst	4.00 A
		FA 2016	EECS 445	Intro Machine Learn	4.00 A+
		FA 2016	EECS 481	Software Engin	4.00 B+
		FA 2016	EECS 496	Major Design/Prof	2.00 A-
		WN 2017	EECS 311	Analog Circuits	4.00 A-
		WN 2017	EECS 398	Special Topics (Computing for Comp Scientists)	1.00 A+
		WN 2017	EECS 486	Info Retrieval	4.00 A
		WN 2017	EECS 489	Compt Netwrks	4.00 A-
✓	General Electives				15.00
		FA 2015	EECS 230	EMAG I	2.00 T
		WN 2017	EECS 311	Analog Circuits	4.00 A-
		WN 2017	EECS 398	Special Topics (Computing for Comp Scientists)	1.00 A+
		WN 2017	EECS 486	Info Retrieval	4.00 A
✓	Not Used for Graduation Requirement, Withdrawals, Failures, Incompletes, Not for Credit, Less Than Minimum Grades	WN 2017	EECS 489	Compt Netwrks	4.00 A-
		SS 2016	ENGR 400	Co-Op Educ Engr	0.00 ##