Josue Velasquez

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Education

bachelors in computer science   06/2023
University Of Maryland
Senior

associate of arts in computer science   2019
Montgomery College

Courses

Computer Vision
University Of Maryland

Organization of Programing Languages
University Of Maryland

Algorithms I
University Of Maryland

Programming Handheld Systems
University Of Maryland

Introduction to Artificial Intelligence
University Of Maryland

Skills

C/C++/Rust   Java

Python/Ruby   Swift

Projects

Nasa Swarmathon ⬈
Software Competition using robots to research the viability of cheaper robots for space exploration missions

Groovydata ⬈
Analyzing the Data of the Spotify Regional Top 200 Song Charts to Predict Success

Particle filter
Particle filter to localize car in simulation

Slam using Camera
Used dataset of drone images to localize its flightpath in 3 dimensions

C Interpreter
Lexer, parser and interpreter for c written in ocaml

Panorama stitching
combines together images into one image

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UNIVERSITY OF MARYLAND
COLLEGE PARK
Office of the Registrar
College Park, MD 20742
UNOFFICIAL TRANSCRIPT
FOR ADVISING PURPOSES ONLY
As of: 07/30/22

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Velasquez, Josue Alberto
E–Mail: jvelasq2@terpmail.umd.edu
Major: Computer Science
Transfer – From 2–Year Institution   Undergraduate Degree Seeking
GenEd Program   Current Status: Registered Fall 2022

Fundamental Requirement Satisfied Math: Transfer; English: Transfer

Transcripts received from the following institutions:

Montgomery College   on 02/01/19

** Transfer Credit Information **   **** Equivalences ****

Montgomery College
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    1607   FIRST YEAR SEMINAR        A     1.00              L1
    1608   INTO SOCIOCUL ANTH HONOR  B     3.00 ANTH260      DSHS, DVUP
           INTRO TO PROGRAMMING      B     3.00 Not Applic.
           INTRO COLLEGE WRITING     B     3.00 Not Applic.
           INTERMEDIATE ALGEBRA       B    0.00 No Credit
           INTRO TRIGONOMETRY         A    0.00 No Credit
    1701   COLOR THEORY & APPLICTN   F     0.00 No Credit
                                           FOOTNOTES: (MH,18,19)
           GENERAL BIOLOGY           A     4.00 BSCI103      DSNL
           CRIT READ WRIT RESEARCH   A     3.00              FSAW
           PRECALCULUS               B     4.00 MATH115      FSMA
    1707   COLOR THEORY & APPLICTN   A     3.00              DSHU
    1708   COMPUTER SCIENCE I        B     4.00              L1
                                    Footnotes: 06
           COMPUTER SCI INTERNSHIP   A     0.00 No Credit
           INTRO HUMAN COMM          A     3.00 COMM107      FSOC
           CALCULUS I                A     4.00 MATH140      FSAR, FSMA
    1801   COMPUTER SCIENCE II       B     4.00              L1
           COMPUTER SCI INTERNSHIP   A     0.00 No Credit
           CALCULUS II               C     4.00 MATH141      FSMA
           GENERAL PSYCHOLOGY        A     3.00 PSYC100      DSHS or DSNS
    1805   DISCRETE STRUCTURES       A     4.00 CMSC250
    1808   LINEAR ALGEBRA            B     4.00 MATH240
           LISTENING TO MUSIC        A     3.00 MUSC130      DSHU
           INTRO TO NUTRITION        B     3.00 NFSC100      DSNS

           INTRO SOCIOLOGY           A     3.00 SOCY100      DSHS, DVUP
           ELEMENTARY SPANISH I      B     3.00 SPAN101      DSHU, DVUP
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ELEMENTARY SPANISH I   B   3.00 SPAN101   DSNS, DVSP
Acceptable UG Inst. Credits: 66.00
Applicable UG Inst. Credits: 60.00

Total UG Credits Acceptable: 66.00
Total UG Credits Applicable: 60.00

Historic Course Information is listed in the order:
Course, Title, Grade, Credits Attempted, Earned and Quality Points

Summer II 2015
MAJOR: YOUNG SCHOLARS   **COLLEGE: Extended Studies**
     CMSC122 INTRO COMP PROG VIA WEB B- 3.00 3.00 8.10 DSSP
Semester: Attempted 3.00; Earned 3.00; QPoints   8.10; GPA 2.700
UG Cumulative: 3.00;   3.00;   8.10;   2.700

Spring 2019
MAJOR: COMPUTER SCIENCE   **COLLEGE: COMP, MATH, & NAT SCI**
     ASTR230 SCIENCE&FCTN OF PLANETS B 3.00 3.00 9.00 DSNS, SCIS
     CMSC131 OBJECT-ORIENTED PROG I   A+ 4.00 4.00 16.00
     PSYC221 SOCIAL PSYCHOLOGY   B+ 3.00 3.00 9.90 DSHS or DSSP
     STAT400 APPLIED PROB & STAT I   B 3.00 3.00 9.00
Semester: Attempted 13.00; Earned 13.00; QPoints   43.90; GPA 3.376
UG Cumulative: 16.00;   16.00;   52.00;   3.250

Fall 2019
MAJOR: COMPUTER SCIENCE   **COLLEGE: COMP, MATH, & NAT SCI**
     ASTR100 INTRO TO ASTRONOMY   B 3.00 3.00 9.00 DSNS
     CMSC132 OBJECT-ORIENTED PROG II B- 4.00 4.00 10.80
     ENES140 DISCOVERING NEW VENTURES B- 3.00 3.00 8.10 DSSP
     ENGL393 TECHNICAL WRITING   A 3.00 3.00 12.00 FSPW
Semester: Attempted 13.00; Earned 13.00; QPoints   39.90; GPA 3.069
UG Cumulative: 29.00;   29.00;   91.90;   3.168

Spring 2020
MAJOR: COMPUTER SCIENCE   **COLLEGE: COMP, MATH, & NAT SCI**
     ASTR300 STARS & STELLAR SYSTEMS P 0.00 3.00 0.00 DSNS
     CMSC216 INTRO TO CMPTR SYSTEMS   P 0.00 4.00 0.00
     CMSC351 ALGORITHMS   P 0.00 3.00 0.00
     PHIL140 CONTEMP MORAL ISSUES   P 0.00 3.00 0.00 DSHU
Due to COVID-19 pandemic, unless the
student elects the regular grading
method per course, P grades for
undergraduate courses and S grades for
graduate courses in effect for Spring
2020, and allowed to satisfy all degree
requirements.
Semester: Attempted 0.00; Earned 13.00; QPoints   0.00; GPA 0.000
UG Cumulative: 29.00;   42.00;   91.90;   3.168

Summer I 2020

MAJOR: COMPUTER SCIENCE   **COLLEGE: COMP, MATH, & NAT SCI**
     CMSC330 ORGNZTN PROGM LANG   WW 0.00 0.00 0.00

CMSC330   ORGNZTN PROGM LANG   MM 0.00   0.00   0.00
Withdrawn 07/05/20
UG Cumulative: Earned 42.00 QP   91.90 GPA 3.168

Fall 2020
MAJOR: COMPUTER SCIENCE   COLLEGE: COMP, MATH, & NAT SCI
      ASTR380   LIFE IN UNIVERSE—ASTRBIO B— 3.00   3.00   8.10 DSNS
      CMSC320   INTRO TO DATA SCIENCE   D 3.00   3.00   3.00
      CMSC330   ORGNZTN PROGM LANG   D 3.00   3.00   3.00
Semester: Attempted 9.00; Earned 9.00; QPoints   14.10; GPA 1.566
UG Cumulative: 38.00;   51.00;   106.00;   2.789

Spring 2021
MAJOR: COMPUTER SCIENCE   COLLEGE: COMP, MATH, & NAT SCI
      ASTR330   SOLAR SYSTEM ASTR   P 0.00   3.00   0.00 DSNS
      CMSC330   *Repeated Course*   C+ 3.00   3.00   6.90
Semester: Attempted 3.00; Earned 6.00; QPoints   6.90; GPA 2.300
UG Cumulative: 41.00;   54.00;   112.90;   2.753

Fall 2021
MAJOR: COMPUTER SCIENCE   COLLEGE: COMP, MATH, & NAT SCI
      CMSC420   ADV DATA STRUCTURES   W 0.00   0.00   0.00
      CMSC426   COMPUTER VISION   A 3.00   3.00 12.00
Semester: Attempted 3.00; Earned 3.00; QPoints   12.00; GPA 4.000
UG Cumulative: 44.00;   57.00;   124.90;   2.838

Spring 2022
MAJOR: COMPUTER SCIENCE   COLLEGE: COMP, MATH, & NAT SCI
      CMSC3890 THE CODING INTERVIEW   B 1.00   1.00   3.00
      CMSC421   INTRO ARTIFICIAL INTELLI C 3.00   3.00   6.00
      CMSC436   PRGRMNG HANDHELD SYSTEMS C 3.00   3.00   6.00
Semester: Attempted 7.00; Earned 7.00; QPoints   15.00; GPA 2.142
UG Cumulative: 51.00;   64.00;   139.90;   2.743

UG Cumulative Credit   : 124.00
UG Cumulative GPA   :   2.743

**** Current Course Information ****

Fall 2022	Course	Sec	Credits	Grd/ Meth	Drop /Add	Add Date	Drop Date	Modified Date	GenEd
	CMSC414	0101	3.00	REG	A	04/04/22		04/04/22	
	CMSC335	0101	3.00	REG	A	04/04/22		04/04/22	