

JACK SHELATA

Contact Information

jack@jackshelata.com

ABOUT | I am a Junior at the University of Michigan in the College of Engineering. I am currently pursuing an undergraduate degree in Computer Science. I am very interested in software development, robotics, and artificial intelligence.

SKILLS & ABILITIES | I am a natural problem solver and a high achiever; I expect a lot from myself which pushes me to reach my goals. Through dedication to excellence across all academic disciplines, I achieved the honor of valedictorian of my graduating high school class. I enjoy working with my hands as well as with technology and computers. I have worked with in-depth with C, C++, Python, Arduino, ROS, and Verilog HDL and have basic skills in MATLAB, HTML, CSS, and JavaScript. I have experience with CAD in SolidWorks and AutoCAD. I am familiar with basic PLM software.

EMPLOYMENT EXPERIENCE | **SOFTWARE ENGINEER INTERN COMAU LLC** MAY 2018 – AUGUST 2018

Duties: Worked to develop software solutions using Artificial Intelligence and Machine Learning for COMAU's e.DO educational robot. Gained experience with training and using deep neural networks for image inferencing and reinforcement learning on NVIDIA Jetson TX2.

MECHANICAL DESIGN INTERN COMAU LLC MAY 2017 – AUGUST 2017

Duties: Worked with CAD software designing and developing mechanical technology for implementation in automated assembly lines according to client specifications. Worked on jobs for FCA, Ford, and Cummins, among others.

CONTRACTED BRAND AMBASSADOR YIK YAK OCTOBER 2016 – NOVEMBER 2016

Duties: Monitored and promoted brand recognition at the University of Michigan. My team and I led events to increase brand awareness of the Yik Yak social media app and worked to drive a larger user base through targeting and interacting with potential users in order to gather feedback and improve the app.

MEDIA MARKETING INTERN TIPPING POINT, INC. SUMMER 2015

Duties: Handled social media account posting for select local clients. Worked with and organized data in Excel spreadsheets. Helped design campaigns for clients to boost brand awareness in the local market.

EDUCATION | **UNIVERSITY OF MICHIGAN – COLLEGE OF ENGINEERING, ANN ARBOR, MI** MAJOR: COMPUTER SCIENCE GPA: 3.029/4.000

Anticipated Graduation: April 2020

Engineering Courses Completed as of April 2019: Engineering: Underwater Vehicle Design, Engineering: MATLAB and C++, Calculus I, II, and III, Linear Algebra, General Physics I and II, Discrete Math, Programming and Introductory Data Structures, Data Structures and Algorithms, Logic Design, Introduction to Computer Security, Introduction to Computer Organization, Web Systems

OAKLAND CHRISTIAN HIGH SCHOOL, AUBURN HILLS, MI GRADUATED MAY 2016 GPA: 4.0/4.0

Treasurer of Student Council and National Honor Society. MHSAA Academic All-State: Varsity Baseball and Varsity Basketball. Wendy's High School Heisman Award Winner

EXTRACURRICULAR INVOLVEMENT | I am the Software Lead for the Robotic Exploration of Space Team working on developing software for our autonomous rover to compete in the NASA Robotic Mining Competition. I am a member of the Delta Tau Delta fraternity at the University of Michigan.

REFERENCES | Specific reference detail available upon request.