

PETER LARSEN

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EDUCATION	UNIVERSITY OF MICHIGAN College of Engineering Bachelor of Science in Computer Science Engineering, April 2018 <ul style="list-style-type: none">• GPA: 3.86/4.00• International Minor for Engineers• Admitted to Engineering Global Leadership Honors Program (EGL)	Ann Arbor, MI
EXPERIENCE	CHARLES RIVER DEVELOPMENT Software Development Intern <ul style="list-style-type: none">• Worked on database administration (DBA) Scrum team, participated in daily stand-ups, sprint planning, retrospectives, code reviews, and weekly data model reviews• Lead development of C# application integrated with Perforce and internal databases to implement data model changes that will save senior DBA engineers 8 hours of work per week• Designed multiple XML file formats with corresponding schemas to define data model change requests, automation support, and documentation, all of which promote clarity and transparency in the changes being made, which is reinforced through extensive restrictions in the schemas	Burlington, MA
Summer 2016	LEAR CORPORATION Software Engineering Intern <ul style="list-style-type: none">• Created Windows program using Visual C# to perform common encryption algorithms to be used in Lear's next major project• Learned CAPL script to build temperature rise test for Honda Base Station Module, automating 10-hour process• Delved into PowerPC instruction set and documentation to reverse engineer ~200 lines of PowerPC to pseudo C code, helping debug an error in a microcontroller's SHA implementation, allowing Lear to proceed with developing their security protocol	Southfield, MI
Summer 2015	UNIVERSITY OF MICHIGAN Math Lab Tutor <ul style="list-style-type: none">• Tutored students in Calculus I & II, Multi-variable Calculus, and Applied Linear Algebra• Worked with students in one-on-one and group settings to build fundamental understanding of class material• Helped with test preparation and general course troubleshooting	Ann Arbor, MI
Part-time 2016	RESOURCE RECYCLING SYSTEMS Technology Team Intern <ul style="list-style-type: none">• Researched packaging recycling programs for polycoated paperboard food and beverage cartons, accelerating the packaging industry's nationwide recycling campaign• Worked with the Resource Recycling System's Technology Team to develop a searchable, online repository for nationwide recycling and composting information	Ann Arbor, MI
Summer 2014	CHI PHI FRATERNITY, ALPHA TAU CHAPTER Public Relations Chairman <ul style="list-style-type: none">• Managed a budget of ~\$40,000 cooperatively with two co-chairmen, leaving \$2,000 surplus• Collaborated with risk management team, keeping the chapter in good standing with the University of Michigan• Coordinated groups of more than 30 volunteers, often from multiple organizations to set up and run large events	Ann Arbor, MI
2014-2015	ADDITIONAL <ul style="list-style-type: none">• Experience with C# (Visual Studio), C++ (Sublime Text 2), XML, SQL (Microsoft SQL Server), C• Control Systems Developer, Robotic Exploration of Space Team• IM Sports Chairman, Eta Kappa Nu Student Honor Society	