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Ethan Paul

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OBJECTIVE	Full time employment in the fields of mechanical simulation or product lifecycle management
EDUCATION	Worcester Polytechnic Institute, Worcester MA Major in Mechanical Engineering , Minor in Business Management May 2018
CERTIFICATIONS	Certified SOLIDWORKS Professional - Mechanical Design January 2016, Certification ID: C-7GWUT4KJ8J
EXPERIENCE	Senior Network Assistant – WPI Network Operations August 2013 – Present <ul style="list-style-type: none"> ▪ Network maintenance, user assistance, and project management User Assistance Contractor – Dassault Systèmes SOLIDWORKS Corp. August 2015 – December 2015 <ul style="list-style-type: none"> ▪ Validation and correction of software documentation and tutorials
INTERNSHIPS	User Experience Intern – Dassault Systèmes SOLIDWORKS Corp. May 2016 – August 2017 <ul style="list-style-type: none"> ▪ Assessment/improvement of department data management standards ▪ Maintenance and upgrades of existing internal content management system tools User Assistance Intern – Dassault Systèmes SOLIDWORKS Corp. May 2015 – August 2015 <ul style="list-style-type: none"> ▪ Analysis, correction, and update of software tutorials
PROJECTS	Campus Structure Documentation Project – WPI Network Operations January 2014 – Present <ul style="list-style-type: none"> ▪ Documentation and curation of WPI campus buildings and IT infrastructure Icon Asset Management Web Tool Replacement – Dassault Systèmes SOLIDWORKS Corp. May 2016 – August 2017 <ul style="list-style-type: none"> ▪ Architect and implement internal tool for file asset management and development tracking ▪ Conversion of legacy data into new data format for usage with replacement system Major Qualifying Project – Worcester Polytechnic Institute August 2016 – May 2017, <i>“Optimization of Passive Knee Brace”</i> <ul style="list-style-type: none"> ▪ Design and optimization of spring-driven medical knee brace ▪ Prototype assembly and medical/mechanical justification of design Interactive Qualifying Project – Worcester Polytechnic Institute January 2016 – May 2016, <i>“Energy Monitoring for Sustainability”</i> <ul style="list-style-type: none"> ▪ Analysis of existing energy monitoring infrastructure at WPI main campus ▪ Recommendation of policy and technical developments to improve energy monitoring infrastructure at WPI main campus
SKILLS	Interpersonal – Team development, technical support, customer service, project design Software – HTML5, JQuery, Python 3, PHP, IIS, Windows Server Administration, VMWare ESXi, Microsoft Hyper-V, Active Directory Domain Services Design – SolidWorks Mechanical, SolidWorks Simulation, SolidWorks Routing and Electrical, AutoCAD 2D Drafting, Rapid Prototyping