

Michael Squillacioti

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TECHNICAL SKILLS

Languages:	Python, MATLAB, HTML5, CSS, JavaScript
Programs & Tools:	Microsoft Office, SolidWorks, Anaconda, Atom, Github, Mac OS Terminal, MongoDB

EDUCATION

The London App Brewery - Udemy Full-Stack Web Development Bootcamp <i>Relevant Coursework:</i> HTML5, CSS, JavaScript, Bootstrap, jQuery, Node.js, APIs, Github, SQL, MongoDB, React.js	<i>June 2022 – Present</i>
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The University of Alabama , Tuscaloosa, AL Master of Business Administration <i>Focused Areas of Study:</i> Optimization and Python Programming <i>Relevant Coursework:</i> Company and Industry Analysis, Python, Systems Optimization, Financial Analysis	<i>January 2021 – December 2021</i>
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The University of Alabama , Tuscaloosa, AL Bachelor of Science in Mechanical Engineering <i>Relevant Coursework:</i> Force/Heat/Fluid Analysis and Modeling, MATLAB, 3D Modeling, Product Development <i>Italy, Study Abroad - 2018</i>	<i>August 2016 – December 2020</i>
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WORK EXPERIENCE

Research Assistant – Blockchain Technology , The University of Alabama, Tuscaloosa, AL <ul style="list-style-type: none">Performed research into cryptocurrency and blockchain technology with guidance from a UA professor.Developed and co-authored a research report and business case, regarding the future applications of blockchain technology in the business world and beyond.	<i>May 2021 – July 2022</i>
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Project Manager Intern , ARCO/Murray Construction, Chicago, IL <ul style="list-style-type: none">Executed trade bidding and buyout for ARCO/Murray's Metronome project, innovative 5-story multi-family apartment complex in Huntsville, Alabama.Performed BlueBeam Revu markups of construction drawings, and prepared the early bidding stages for flooring, appliances, and miscellaneous amenities for the upcoming Avens project in Portland, Oregon, which required extensive use of the On-Screen Takeoff program.	<i>April 2022 – May 2022</i>
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PROJECT EXPERIENCE

NASA Technology Repurposing – Acoustic Water Filtration System <ul style="list-style-type: none">Identified novel uses for an acoustic water filtration system created by NASA, developed and executed a marketing plan by identifying potential customer industries, and spoke with company representatives from multiple industries.Organized meetings with representatives of fluid-based industries to identify issues with current filtration tech.	<i>September – December 2020</i>
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Eagle Scout Project <ul style="list-style-type: none">Identified a community need, designed a solution, raised funds for construction and cost of materials, managed logistical aspects, and organized and led a large group of scouts in executing the project.	<i>December 2012 – July 2013</i>
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HONORS & ORGANIZATIONS

• Eagle Scout	• MENSA Member	• National Merit Finalist	• Habitat for Humanity
• MBA Association	• BSA Leadership	• STEAM Club President	• Make-a-Wish