

# Emily Marie Buergler

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Education	The University of Texas at Austin, B.S., Electrical and Computer Engineering, May 2020	
	Duchesne Academy, GPA: 3.90 / 4.30	
Experience	<b>Intern, Web Application Development Department, Methodist Hospital, July 2015 - Aug 2015</b> Total Hours: 100 <ul style="list-style-type: none"><li>➤ Learned .NET application development using the C# programming language and the MVC design pattern</li><li>➤ Learned how to quickly design webpages using the Bootstrap framework</li><li>➤ Visited the massive server room storing websites and data for Methodist hospitals and clinics across the United States</li><li>➤ Worked with the team before, after, and during the “go live” date, when they released the new homepage for Houston Methodist</li></ul> <b>Altar Server, St. Vincent de Paul, July 2012 - July 2016</b> <ul style="list-style-type: none"><li>➤ Cooperated with different servers each week yet consistently delivered a seamless church service</li><li>➤ Resolved problems during mass, such as missing chalices, by communicating quietly and efficiently with the presider</li></ul> <b>CAVE Computer Technician, Duchesne Academy, Aug 2015 - July 2015</b> <ul style="list-style-type: none"><li>➤ Resolved computer hardware and software issues on the computers of the students and faculty</li><li>➤ Cooperated with other technicians to fix especially difficult issues and share expertise</li><li>➤ Reimaged many laptops and created the 2015 image for the Toshiba Z10T</li></ul> <b>Team, First Robotics, FRC #3103 Iron Plaid, Aug 2014 - May 2015</b> <ul style="list-style-type: none"><li>➤ Built a 120-pound robot in less than six weeks with my team</li><li>➤ Competed in a national competition involving over three thousand other teams</li></ul> <b>Silver Key for Video Game, Scholastic Art and Writing Awards of 2014, Oct 2014 - May 2014</b> <ul style="list-style-type: none"><li>➤ Created a platform action game titled “Halloween Game” written in GML</li><li>➤ Submission was decided by a panel of judges in New York to be the second best out of all entries in the national competition</li></ul>	
Skills	Programming Languages: Proficient: C/C++, Java, HTML/CSS, JavaScript, GML, LabVIEW Familiar: ActionScript, x86 Assembly, Python, PHP, C# Basic Understanding: Lisp, VBA, SQL Other Skills: Adobe Photoshop (+2D Animation), Premiere, DreamWorks, Flash, InDesign Using hacksaws, bandsaws, jigsaws, wood saws, drills, drill presses, and other workshop tools Using CAD Software and Printing 3D Designs	
Activities	Institute of Electrical and Electronics Engineers Society of Women Engineers Women in Electrical and Computer Engineering	IEEE Robotics & Automation Society Texas Theme Park Engineering Group University of Texas Solar Vehicles Team
Awards	Oct 2015	Recipient, Girl Scout Gold Award Founded the Programming Club of Duchesne Academy
	May 2014	Recipient, Silver Key for Video Game Scholastic Art and Writing Awards of 2014