**rthurber3@gmail.com • www.linkedin.com/in/reedthurber • 951-514-5816**

**Education**

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| **B.S. Mechanical Engineering, Aerospace Emphasis**, **Computer Science Minor**  Utah State University, Logan, UT | **May 2020**  **GPA 3.57** |
| **Leadership and Involvement** |  |
| **Outstanding Sophomore Leadership Award,** **USU ASME Student Section,** Logan, UT | **April 2018** |
| **USU 2018 Engineering Derby Coordinator,** Logan, UT   * Led and coordinated the USU engineering pinewood derby competition | **October 2017-**  **Present** |
| **USU American Society of Mechanical Engineers Student Section, Executive Secretary,** Logan, UT   * Overhauled and led communication for over 400 members | **May 2017-**  **Present** |
| **Toastmasters International Member,** Logan, UT and Temecula, CA   * Delivered both prepared and impromptu speeches weekly, evaluated other speakers | **December 2016 -**  **August 2017** |
| **BSA,** **Eagle Scout and Troop Leader,** Temecula, CA   * Organized the construction of two “cat trees” for a local animal shelter from donated and fundraised materials * Led a troop of 13 scouts | **September 2013 -**  **April 2015**  **March 2016 -**  **May 2016** |

**Computer Skills**

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| **Solidworks (CSWA Certified) Geometric Dimensioning and Tolerancing (GD&T)**  **Microsoft Office (Intermediate) Excel (Basic) Python (Basic) Java (Basic) Matlab (Basic)** | |

**Engineering Projects**

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| **USU Aggie Marine Robotics Team, Vice-President**   * 2018 competition team lead * Designed and built an autonomous underwater vehicle for the 2018 International AUVSI Robosub Competition * Served as liaison with USU College of Engineering to secure funding, coordinate college outreach events, and advance faculty relations * Co-developed new communication, documentation, and task management standards for team * Designed and fabricated AUV electronics rack, pneumatic torpedo launcher, component mounts | **February 2018 -**  **Present** |
| **Engineering Graphics Design Project**   * Worked with a team of three to design a DJI Inspire Drone GoPro Camera Gimbal Mount | **March 2017-**  **May 2017** |

**Work Experience**

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| **Hardware and Tools Customer Service Associate,** Lowe’s, Temecula CA   * Informed and assisted customers with selection of hardware and tools | **May 2017-**  **August 2017** |
| **Pizza Smith,** Blaze Pizza, Temecula CA   * Worked in a fast-paced food service environment, balanced and prioritized various roles | **May 2017-**  **August 2017** |
| **Telephone Interviewer,** Survey Sampling International, Logan UT   * Contacted clients by phone to complete various surveys for market research | **January 2017-**  **May 2017** |

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**R E F E R E N C E S**

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| **Dr. Jonathan Phillips, Aggie Marine Robotics Faculty Advisor**  Utah State University, Electrical and Computer Engineering Professor  (435)797-2581  [jonathan.phillips@usu.edu](mailto:jonathan.phillips@usu.edu) |
| **Amber French Jones, General Manager**  Blaze Pizza LLC  (951)789-3202  1206Temecula@blazepizza.com  32240 Temecula Pkwy, Temecula, California 92592 |
| **Mike Sanborn, Service Manager**  Lowe’s Companies, Inc.  (951)970-4002  40390 Winchester Rd Temecula, CA 92591 |
| **Jake Palmer, Scout Mentor**  Lockheed Martin, San Diego  (858)705-4872  kypalmer@gmail.com |