**Stephen Campbell**

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**EDUCATION**

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| **Bachelor of Science in Electrical Engineering** | May 2022 |
| University of Texas at Dallas, Richardson, Texas | **GPA: 3.99/4.0** |
| *Academic Excellence Scholar, Dean's List 3 semesters* |  |

**PROFESSIONAL EXPERIENCE**

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| **Outdoor Trip Leader** | May 2020 - September 2019 |
| University Recreation | Richardson, TX |

* Led 12+ students on off-campus excursions to foster an appreciation of the outdoors
* Adapted to changing needs by taking on new responsibilities ensuring positive participant experience
* Educated participants in outdoor ethics to encourage habits of environmental sustainability

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| --- | --- |
| **Host** | August 2017 - June 2018 |
| Teddy Jack's Armadillo Grill | Amarillo, TX |

* Professionally communicated with coworkers to decrease customer wait times
* Consistently assisted in team-based goals to motivate a collaborative team mentality
* Solved complex problems in high stress situations that resulted in greater efficiency for the restaurant

**PROJECTS**

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| --- | --- |
| **Robot Arm Design Project** | January 2019 - May 2019 |
| **Technologies Used**: Arduino, MATLAB, SolidWorks |  |

* Modeled and tested several iterations of an end effector in SolidWorks gaining insight into the design process
* Simulated forward kinematics of robot arm resulting in simplified set of project constraints
* Programmed Arduino microcontroller to perform nuanced movements from sensor signal

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| --- | --- |
| **Mathematics Editor Frontend Prototype** | May 2020 - Present |
| **Technologies Used**: Javascript, Parcel |  |

* Implemented and adapted several algorithms from Knuth's The TeXbook with OpenType fonts
* Designed and built main application logic consisting of over 10k SLOC
* Utilized and gained a working knowledge of various Linux Command-Line utilities i.e. git, vi, etc.

**ADDITIONAL SKILLS**

* Proficient with C++, Javascript, Python