**Joseph Snavely**

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| **Education**  Expected Summer 2021 | **University of Georgia** – Athens, GABachelor of Science in Electrical Engineering  GPA: 3.00/4.00  **Relevant Courses:**   |  |  |  | | --- | --- | --- | | Circuits  Electronics 1&2  Power Systems | Programming for ENG.  Logic Design  Physics 1&2 | Linear Systems  Differential Equations  Multivariable Calculus | |
| **Key**  **Projects** | **Temperature Controlling Thermos:**   * Designed, constructed, and tested a temperature controlling thermos with UI and battery powered heating * Arduino controlled * Custom built circuit boards * Designed and performed experiments to test and model performance   **Sensor Platform:**   * Designed and programmed a raspberry pi based sensor platform * Custom GUI for sensor control * Single platform capable of interfacing multiple I2C and SPI sensors   **Collaborative Inverter Project:**   * Assisted in the design and construction of a home built inverter capable of transforming 12V DC to 120V, 60 Hz AC |
| **Relevant Skills** | **Hardware:** Oscilloscopes; Frequency generators; Microcontrollers; soldering; component selection; circuit troubleshooting; prototyping; machining; woodworking; 3D printing; PCB milling  **Software Applications:**  Eagle, PSPICE, Matlab, AutoCad, TinkerCad, Energia  **Programming Languages:** C/C++, Python, Matlab  **Leadership**: Team leader at UGA4Hacks Hackathon |
| **Work Experience**  June 2014 to  Present | **Longhorn Steakhouse** – Athens, GA  *Server, Service Professional, Food-runner, Host*   * Experience in customer service and time sensitive work environments * Experience working as part of a team |
| **Honors** | Certified Service Professional 2016-Present  Hope Academic Scholarship 2015-Present |