

Adam Blakeslee

North Ogden, UT

-Email me on Indeed: <http://www.indeed.com/r/Adam-Blakeslee/d1cc1b9f1fb500ba>

Work Experience

Electrical Engineer

Utah State University, Plant Soil & Climate Laboratory - Logan, UT

September 2020 to Present

- Assist in grant funded research on developing a prototype for NASA Ohalo III, the first operational crop production system and prototype for a Mars transit vehicle
- Assemble, program, and maintain automatic routines for measuring water retention properties of plant growth media
- Reclaim and adapt devices and programs from previous engineers' projects for current use
- Interface sensors and output devices with data loggers for measurement collection, decision making, and communication
- Design and build systems to facilitate ongoing research with Soil Physics department

Groundskeeper

Weber County Maintenance - North Ogden, UT

September 2016 to October 2020

- Worked as team leader in daily operations to ensure efficiency and correctness in task completion
- Oversaw operations in the regular supervisor's absence
- Trained new employees in daily procedures and equipment operation

Education

B.S. in Electrical Engineering

Utah State University, College of Engineering

Skills

- C
- Verilog
- C++
- VHDL
- MATLAB
- Xilinx Vivado
- CRBasic
- Intel Quartus
- Microsoft Office
- ARM

- Assembly
- Electrical experience
- Sensors
- Computer operation
- Git
- Laboratory experience
- Software troubleshooting
- FPGA
- Modelsim
- Debugging
- Linux
- Technical Writing
- Signal Processing
- Analysis Skills
- System Design