Bradley Weber

Phone: (541) 918-1573
Email: weber.bradley.s@gmail.com

Software Portfolio
https://weberbs.github.io

Education

M.S. Computer Science, University of Texas at Austin, Remote   Graduation: Dec 2021
- Flexibility to work full time during program

B.S. Chemical Engineering, Brigham Young University, Provo, UT   Graduation: April 2017
- 3.8 GPA

Research Assistant
PRISM Optimization Group, Provo, UT   Sep 2015 – Dec 2016
- Optimized UAV flight for long linear features, improving model accuracy by 150%
- Developed python code to place coordinates in UAV flight software
- Awarded **$8,000** in additional funding through grant proposal

Projects -- View In Portfolio

Finance
- Functional Web App where you can register, log in, and invest virtual dollars in the NYSE
- Developed using flask, SQLite3, html and css and connects to the NYSE using IEX's API

Work Experience

Owens Corning
Furnace and Alloy Leader, Amarillo, TX   Jan 2019 – August 2020
- Lead team of furnace operators to ensure safe melting of **50,000 lbs/hr** of glass
- Lead team of mechanics responsible for security, set up, storage and delivery of **$50,000,000** of precious metal
- Daily management and troubleshooting of all combustion and glass delivery equipment
- Developed software to predict glass properties based on plant activity and supplier data

Manufacturing Leadership Program, Amarillo, TX   May 2017 – January 2019
- Led team of 30 employees responsible for **300000 lbs/shift** of glass
- Implemented binder process changes saving **$20,000/yr**
- Developed software for quality systems check reducing CONQ by **$15,000/yr**

ATI Metals
Process Engineer Intern, Rowley TI Sponge Plant, UT   May 2015 – Sep 2015
- Reduced pressure check cycle time up to 4 hrs. increasing profitability by **$50,000/yr**
- Utilized lean/six sigma techniques to reduce lid assembly time by 10%

Skills/Certifications

Certifications
- Proficient in Python, C, Java, Kotlin, and SQL
- Certified Engineer in Training – Texas Board of Professional Engineers
- Six Sigma Greenbelt Certified – Villanova University