Brian Norlander

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EDUCATION

B.S. Computer Science | December 2018 | University of Minnesota | 3.59 GPA

- Dean's list Fall 2015, Spring 2017

RELEVANT COURSEWORK

- Algorithms, data structures, data mining, databases, internet programming, operating systems, computer networks, artificial intelligence, graphics, applied linear algebra

WORK EXPERIENCE

SOFTWARE DEVELOPMENT INTERN | Ecolab | MAY 2018 – AUGUST 2018

- Back end and front end development in Salesforce using Javascript and the Java-like language Apex.
- Created a data importing tool which sped up the data importing process from days to seconds, decreased the error rate, and required no technical knowledge to use it.

QA INTERN | WEX HEALTH | APRIL 2017 – AUGUST 2017

- Created and managed thousands of regression tests using Selenium in C#.
- Built a report building tool which parsed an XML file of test results and dynamically filled a shared Excel sheet with the data.

FOUNDER | BUCKTHORN BUSTERS | MAY 2016 – AUGUST 2016

- Started my own buckthorn removal business.
- Ran several crews each day, trained new team members, distributed flyers, communicated with customers, negotiated prices, bought and maintained supplies, and continually improved work flow.

SKILLS & ABILITIES

PROGRAMMING LANGUAGES

C++, Python, Java, Javascript, SQL, C#/.NET

FRAMEWORKS, MARKUP LANGUAGES, LIBARIES, ETC.

HTML, CSS, Git, Node.js, Angular, Salesforce, Selenium, Windows, Linux

PROJECTS

DATA IMPORTER | WEB APPLICATION

Web application for internal Salesforce admins at Ecolab who need to load data from one environment of Salesforce to another. Used Salesforce API to retrieve JSON responses and convert them into Salesforce objects to be inserted. Front end built in Angular with the help of Bootstrap.

SONG SENTIMENT PREDICTOR | NLP APPLICATION

Created a song sentiment predictor with an interactive UI where the user could enter the name of a song and would get a response of the sentiment of that song. It was correct over 50% of the time when choosing between 7 categories. Written in Python using the sklearn library.