

Brian Norlander

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Objective

Persistent student interested in big data who has a proven ability to creatively solve problems. I am seeking to apply my abilities to your team and create new things.

Education

University of Minnesota College of Science and Engineering, Graduation: Fall 2018

- B.S. in Computer Science, minor in Mathematics
- Dean's list Fall 2015 and Spring 2017
- 3.58 GPA

Skills

Programming languages

- C, C++, C#/.NET, Python, SQL, HTML, CSS, JavaScript, Node.js, Clojure and an ability to learn new languages quickly.

Development Tools

- Visual Studio, TFS, Git, HTTP, REST services, Microsoft API, OpenGL, and Selenium

Operating Systems

- Windows, UNIX, Linux, and bash scripting.

Coursework

Computer Science

- Algorithms, Data Structures, Operating Systems, Databases, Program Design and Development, Computer Architecture, Data Mining, Graphics, Internet Programming, Computer Networks, Artificial intelligence and Formal Languages.

General

- Calculus, Linear Algebra, Discrete Math, Statistics, Physics and Chemistry

Experience

WEX HEALTH April 2017 – September 2017

QA Intern

- Maintained thousands of tests, improved workflow of team via several large projects and effectively worked with my team using version control

Buckthorn Busters May 2016 – August 2016

Self-started business

- Created my own buckthorn removal business. I was the boss. I ran several crews each day, trained new team members, I distributed flyers, met with customers, negotiated prices, bought and maintained supplies, did physical labor, and improved the process many times.

ProAm Umpires April 2011 – present

Scheduling Coordinator and Umpire

- **Scheduling Coordinator** March 2016 – September 2016: Coordinated 100+ umpires, 100+ coaches and 2,500+ games. Worked out daily issues as well as scheduling large tournaments. Mentored young umpires to develop their skills, knowledge and confidence.
- **Umpire:** Rose up through the ranks to be one of the top officials for ProAm Umpires. I have officiated state tournament championships, high school games, and regional all-star 18U tournaments.

Two Men and a Truck January 2015 – August 2015

Mover

- Skillfully moved all types of furniture ranging from gun safes to upright pianos safely using teamwork and communication. Learned how have a trusting relationship with customers

Target August 2014 – January 2015

Cashier

- Handled money during many transactions daily. Always showed up to work on time

JCPenny October 2013 – March 2014

Cashier

- Helped customers order clothes, fit suits, and kept the men's department spotless.

Projects

FCAL language converter January 2017 – May 2017

- Created language converter from custom language FCAL into C++. Partner project, used Git for version control, implemented project in 4 parts.

Report Builder at WEX HEALTH June 2017 – August 2017

- My program created test reports using Microsoft's Graph Api programmatically in C# by consuming TRX files and putting the test results into a spreadsheet.

Leadership

Sumner Library tutoring September 2016 – April 2017

- Tutored GED students in math. Students ranged from 18 – 65 years old and came from diverse backgrounds. Many students were immigrants with little knowledge of English.

Football captain January 2014 – November 2014

- Elected captain of my high school football team. During my junior year, my workout group had the highest attendance. I received the all-conference honorable mention award.

East Emmanuel Church and Beacon of Hope Church December 2011 - Present

- I volunteer biweekly feeding the homeless, preparing meals to go and playing with kids.

Freelance tutoring November 2013 - Present

- I have been paid by several people to tutor them in Calculus and Computer Science

Interests

- **Outdoors** - My whole life I have had a passion for the outdoors. Each summer I take at least one camping trip to northern Minnesota (BWCA). I have been to many National Parks.
- **Board games** – I own and play many board games. I enjoy learning new games, learning the strategy, and beating my friends at them.
- **Traveling** – I have a hunger for traveling. I enjoy experiencing new cultures, meeting people from different backgrounds, and gaining a new perspective on the world.