

Jonas Smith

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/JonasESmith
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Education

Missouri Southern State University

Computational mathematics

2016 – 2020

Joplin, MO

Crowder College

Associate in General Studies

2014 – 2016

Webb City, MO

Experience

Pinnacle Distribution

Software Engineer

June 2018 – Present

Carthage, MO

- > Increased efficiency of team members by automating tasks similar, but not limited to, emailing customers on order updates, notifying sales representatives when sales were put on back order, and automating reporting through hub spot.

MSSU - Research Assistant

Undergraduate Research Assistant

March 2018 – October 2019

Joplin, MO

- > Formulated algorithms for efficiently producing all possible patterns for the Japanese game Nurikabe.
- > Developed on a small team of undergraduate students that were selected from the total pool of Computational Mathematics majors.
- > Presented our findings at the MAKO Undergraduate Mathematics Research Conference fall of 2018.

Carthage R-9 School District

District Technician

August 2013 – June 2018

Carthage, MO

- > Technical support for the Carthage R9 School district's computer software, hardware, and network connectivity.

Projects

BoulderBoi - Android App

- > A mobile app using Mapbox to track a users location as they navigate boulder problems.
- > Allows the user to take photos on the route and mark exact coordinates of boulder problems.

Ecommerce Platform - ASP.NET

- > Developed Ecommerce store to allow vendors to buy products wholesale.
- > Implemented, Authorize.net API, ShipStation API, Azure hosting, and web endpoints.

Nurikabe - C#, C++, python

- > Created different applications with C#, C++, and python to produce all "legal" or solvable patterns for the game Nurikabe.
- > Developed low level optimization of algorithms to produce patterns for the 7x7 and 8x8 grids, which originally had an immense computation time.

SpotifyAlarm - C#

- > Launches Spotify and plays the user selected playlist by alarm.

Skills

Languages C#, Java, Python, Kotlin, Javascript, PHP, Ruby, bash

Hobbies Bouldering, Running, Painting, Drawing, Hiking, Cycling