Christopher Dylan Bruch Foster

Software Developer
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https://linkedin.com/in/cdbfoster
https://cdbfoster.com/resume

Skills

Domains

	Experience
Native Development	
Front-End Web Development	
Back-End Web Development	
Machine Learning	
Linux System Administration	
Database Administration	
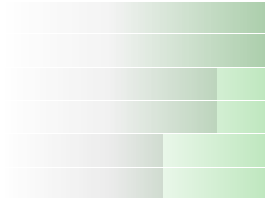
Technologies

Languages

	Experience	Desire
Rust		
Python		
HTML5 (HTML, CSS, JavaScript)		
C		
C++		
Java		
Motorola 68000 Assembler		
Ruby		
SQL		
Perl		
x86/x64 Assembler		
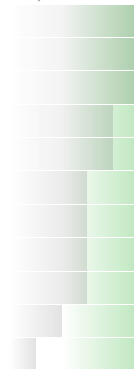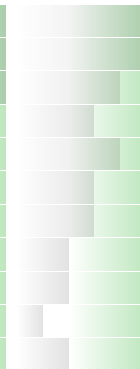
Frameworks and Libraries

	Experience	Desire
TensorFlow		
Keras		
Ruby on Rails		
Mithril.js		
Flask		
Node.js		
React.js		
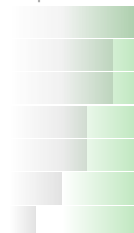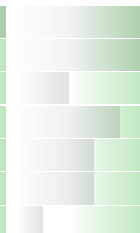
Systems and Platforms

	Experience	Desire
Linux		
Git		
Docker		
AWS EC2		
Mac OS X		
Microsoft Windows		
Google Compute Engine		
Subversion		
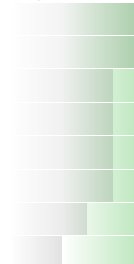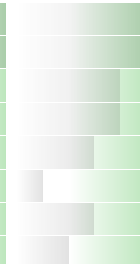
About Me

I am a self-motivated, creative person with a strong background in IT; especially in software. I am an effective communicator, and a quick and eager learner.

Programming has always been a passion of mine, but so have music and art. When I'm not neck-deep in code, I can be found playing an instrument or making something with my hands.

Experience

Software Developer   Apr, 2020 – Present
1Password

Develops and maintains machine learning models that are deployed in a cross-platform product. Develops tools and provides documentation that allows other developers on the team to interact with, understand, and use the models.

Freelance Web Developer   Jun, 2016 – Present

Develops HTML5 websites and solutions to client specifications. Handles donations and payments, and stores customer/donation information. Uses HTML5 best-practice to provide lightweight performance and responsive design. Works with a wide range of HTML5-related domains including video streaming, advanced rendering, and client-server communication.

Software Developer   Feb, 2019 – Oct, 2019
Groundspeed Analytics, Inc.

Designed and trained deep learning models for classification problems. Deployed models across a cloud-based infrastructure, integrating them into current services. Designed, built, and supported tooling to be used by other engineers on the team.

Software Developer   Jul, 2017 – Jan, 2019
ZixCorp

Developed and maintained Ruby on Rails applications. Applied HTML5 best-practice to existing web applications. Used email security concepts and a knowledge of SMTP to test mail-flow and performance of milters. Worked on a Perl plugin to a mimedefang-filter system.

Education and Certification

Bachelor of Science, Information Technology   Jun, 2016
Western Governors University
Emphasis in Software Development

CompTIA Network+   Jun, 2016

CompTIA Project+   Dec, 2015

CompTIA Security+   Jul, 2013

CIW Database Design Specialist   Mar, 2013

CIW Javascript Specialist   May, 2012

CompTIA A+   Dec, 2010