

# Luke Belinc

As a software engineer and full stack web developer, I am experienced in contributing to team success through the art of software development and dedication to my craft. Rooted in a passion for learning, I have built a strong skill set which includes 5+ years' experience in applying object-oriented and functional programming techniques.

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## Experience

### Associate Software Engineer

Verint Systems  
02/2022-08/2022

Designed new and maintained existing internal software tools  
Automated workflows to create efficiency of scale  
Provided continuous QoL updates to legacy software/systems  
Built and deployed single page web applications via AWS EC2  
Provided necessary CLI training to my team  
Coordinated multiple projects from initial planning through deployment  
Implemented Agile style software development  
Doubled annual 2022 release targets by August 2022

### Systems Programmer

WSU-Huang Lab  
03/2020-10/2020

Built software extensions for the GEOS-Chem and WRF-Chem modeling systems  
Wrote scripts to interpret and generate maps from atmospheric data models  
Automated software execution using Bash, cron, and Slurm via WSU's HPC  
Implemented GNU Make to automate software builds  
Provided CLI training to 3 team members

## Skill Set

**Languages** C, C++, C#, Java, Python, JavaScript, TypeScript, SQL, HTML, CSS, Go, Bash, Haskell, CommonLisp, FORTRAN, Ruby

**Frameworks/Libraries** Angular, React, Express, Jasmine, POSIX, pandas, Tkinter, NumPy, NLTK, Qt, .NET, ASP.NET, jQuery, Rails

**Tools** Unix shells (zsh, sh, Bash), GNU coreutils, Vim, Slurm, cron, PowerShell, Git, Node.js,  $\text{\LaTeX}$ , AWS (S3, EC2, Lambda), Database Management Systems (PostgreSQL, MySQL, Oracle Database), Jira, Confluence

**Methodologies** Agile, CI/CD, Behavior- and Test-driven development

## Projects/Hackathons

**Advent of Code** Various code challenges completed using Haskell, C++, and Python

**DHack** Designed health monitoring app using AWS Lambda, JavaScript and React Native. Won 2nd place overall and 1st place for the FitBit challenge.

**MHacks 8** Designed set of dev tools for remote maintainance of GM Console software. Used C, JavaScript, and Wayland to manipulate system and interact with screen remotely.

**Chinese Character Dictionary** Designed a simple character meaning and stroke order dictionary and thesaurus using Python, PostgreSQL, and Qt

**Mock Terminal** POSIX shell built in C

## Education

Wayne State University  
B.S. in Computer Science  
Detroit, MI 2016-2021

## References

Matthew Crawford  
Director, Product Support  
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Matthew Heinrich  
Engineer, DevOps  
(646) 385-5524  
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