# 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

> Built and maintained internal software tools for the Experience Management Product Support organization
> Automated workflows to create efficiency of scale while also reducing manual errors
> Delivered continuous QoL updates to legacy software and systems
> Built and deployed single page web applications via AWS EC2
> Tasked with providing all necessary CLI training to colleagues
> Coordinated multiple projects from initial planning through deployment
> Acted as admin for 20+ mission critical PowerBI waterfall reports and data gateways
> Utilized Agile software development approach with each project
> Doubled 2022 annual release target goal by August

### Systems Programmer
**WSU–Huang Lab**
03/2020–10/2020

> Built software extensions for the GEOS-Chem and WRF-Chem modeling systems
> Drew up comprehensive bug reports to identify pain points and provided solutions
> Authored scripts to interpret and generate maps from atmospheric data models
> Automated software execution and data collection using Bash, cron, and Slurm via WSU's HPC nodes (A.K.A. Wayne State Grid)
> Implemented GNU Make to automate software builds
> Held regular CLI training sessions with research students

## 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, LaTeX, AWS (S3, EC2, Lambda), Database Managament Systems (PostgreSQL, MySQL, Oracle Database), Jira, Confluence

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

## Projects/Hackathons

**Advent of Code** Various code challanges 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

**Matt Crawford**
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