

Luke Belinc

☎ (734) 969-5442

in /in/luke-belinc

🐱 /luke-belinc

@belinc@tuta.io

Experience

- Associate Software Engineer** > Engineering internal solutions for client facing teams in the Professional Services organization
Bloomerang > Automating workflows to resolve manual error and improve customer experience
10/2022–Current > Building .NET toolsets to generate reports and manage client data
> Designing web applications to interface with customers for data collection and new customer onboarding
- Associate Software Engineer** > Built and maintained internal software tools for the Experience Management Product Support organization
Verint Systems > Automated workflows to create efficiency of scale while also reducing manual errors
02/2022–08/2022 > 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** > Built and bedugged software extensions for the GEOS-Chem and WRF-Chem modeling systems
WSU–Huang Lab > Drew up comprehensive bug reports to identify pain points and provided solutions
03/2020–10/2020 > Authored scripts to interpret and generate maps from atmospheric data models
> Leveraged Bash, cron, and Slurm via WSU's HPC nodes (A.K.A. the Wayne State Grid) to automate and test software, data collection, and data modeling
> Implemented GNU Make to build software and extensions
> Held regular CLI training sessions with research students

Skill Set

Languages C, C++, C#, Python, Java, HTML/CSS, TypeScript, Bash, Haskell, CommonLisp, FORTRAN

Frameworks/Libraries POSIX, glibc, Angular, React, Express, Jasmine, pandas, Tkinter, NumPy, NLTK, Qt, .NET

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

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

Projects / Hackathons

- AirSkyBoat** 🌀 Continuous contribution to development of open source server emulator for Final Fantasy XI.
- DHack** 🌀 Designed health monitoring app using AWS Lambda, JavaScript and React Native. Won 2nd place overall and 1st place for the FitBit challenge.
- Chinese Character Dictionary** 🌀 Designed a simple character meaning and stroke order dictionary and thesaurus using Python, PostgreSQL, and Qt
- Mock Shell** 🌀 Mock POSIX-like shell built in C. Implemented libraries such as stdlib.h, signal.h, and unistd.h.

Education

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

References

Matt Crawford
Director, Product Support
☎ (248) 595-5635
in /in/th3mattcrawford

Matthew Heinrich
Engineer, DevOps
☎ (646) 385-5524
in /in/matthew-heinrich-11b31216a