

Eugene, OR
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May Tusek

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queercat.github.io

Experience

Software Intern

Fundament Software

November 2022 – Present

Remote, OR

- Made significant contributions to the scopes programming language.
- Wrote libraries and frameworks to be used in production.

Application Developer

Glimmertech

January 2022 – November
2022

Eugene, OR

- Built 3D and VR experiences for training using Unity and C#.
- Created and managed a NoSQL database with Firebase.

Software Developer

B & R Autowrecking

December 2019 – September
2020

Eugene, OR

- Created applications to handle and process millions of inventory items.
- Built internal tools with a focus on Python, Node and Rust.

Fullstack Developer (Contract)

Whitebird

August 2019 – September
2019

Eugene, OR

- Developed a progressive web application to support local homeless individuals.
- Utilized service workers to provide offline caching with inconsistent service in mind.

Technical Skills

- Languages: Python (10 years), JavaScript (10 years), C++ (6 years), C# (4 years), SQL (4 years), Java (9 years), Bash (5 years), HTML/CSS (10 years), Go (3 years), Rust (2 years)
- Frameworks and Libraries: Express.js, Jest, jQuery, React, Next.js, Flask
- Technologies and Tools: Git, Linux, Docker, Jira, CI/CD, Node.js

Projects

- **Blog** (<https://github.com/queercat/blog>) My blog. A blazingly fast modern tech blog written with Next.js. Optimized down and deployed as a 12mb docker image balanced dynamically across multiple datacenters with Nginx and Go. Next.js, React, JavaScript, HTML5, CSS, Bash, Docker, Go, Nginx
- **Autodoc Generator** (<https://github.com/queercat/Autodoc-Generator>) Automatically generates documentation for any project utilizing industry standard documenting styles and generates a README. Node.js, Regex
- **Game Engine** (<https://github.com/queercat/Game-Engine-CXX>) Built the foundation of a game engine. Utilizes a logic bus for internal component communication and visuals with a display vector. C++, SDL2

Awards

- **Runner Up** (Hack4Cause) Recognized for excellence in app design and uniqueness in feature scope. Given seat on winning team to implement design. 2018