

Brendan Beck

George Fox University

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Education

B.S. COMPUTER SCIENCE | SPRING 2020 | GEORGE FOX UNIVERSITY

- Major: Computer Science w/ Cyber Security concentration
- Minor: Marketing with a focus on Digital marketing

Skills & Abilities

FULL STACK DEVELOPMENT

- Web-based software engineering
- Agile development
- Experience with Node.js, Vue.js, and React
- CI/CD using Jenkins

AWS/SERVERLESS ARCHITECTURE

- Terraform with AWS
- Lambda, EC2, DynamoDB, S3, IAM Roles
- API and Microservice Design

CYBER SECURITY

- Proficient with tools such as Wireshark, Splunk, Burp Suite, Metasploit, Ghidra/IDA

PROGRAMMING LANGUAGES

- Languages (proficient): C/C++, Python, Java, Rust, HTML/CSS/JS,
- Equally proficient in Linux, Windows, Mac

DOCKER/KUBERNETES

- Mastery of Docker (see “mocked”, a fully functioning docker clone I wrote)
- Docker-Compose
- Kubernetes

GRAPHIC DESIGN

- Proficient in the Adobe Creative Suite
- Specialize in Visual and Logo design
- See brendanbeck.com/gallery for examples

Experience

CURRENTLY: BUILDING A FULL STACK SAAS TRUCKING SCHEDULING AND LOAD MANAGEMENT APP

- Uses Terraform with AWS (ec2, lambda, s3, api gateway, dynamoDB) backend, and a vue front end
- Will have a browser based front end, with a mobile app as a stretch goal

POOL MAINTENANCE TECHNICIAN | C&S SERVICES | SUMMER 2019, 2020, 2021

- Service 30 Home Owners Association's pools, across Charbonneau, Villebois, and Canby, 7 days a week
- Maintain Chemical levels daily
- Perform routine maintenance on pumps, chlorine generators, and filters
- Work without supervision, and maintain good standing with residents of the associations I serve

SOFTWARE ENGINEER | TZ MEDICAL WITH GEORGE FOX UNIVERSITY | SENIOR YEAR 2019-2020

- Automated the testing process of Clarus series ambulatory cardiac monitor firmware
- Led a team of Comp Sci and Comp Eng students in facilitating a full stack redesign, implementing a PY Flask backend and the vue.js frontend
- Served as the main liaison between my team and the client (TZ)

WEB SITE ADMIN & GRAPHIC DESIGN INTERN | DESIGNPORT INC | SUMMER 2018

- Acted as site admin for 5 different startups under the umbrella of Design Port.
- Worked with customers to create new websites for a wide range of products
- Created graphics for 3 trade shows for 4 different product lines

PERSONAL SERVER RACK

- Installed and configured Wireguard VPN server for remote network access
- Kubernetes on a Docker Server that facilitates various microservices, including my main website (Dockerized Node.js app using express and ejs), a documentation wiki, multiple MySQL databases, and a hodgepodge of web apps