

# 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 “mockery”, 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](http://brendanbeck.com/gallery) for examples

## Experience

### **CLOUD INFRASTRUCTURE ENGINEER | NIKE | NOV 2021 - CURRENT**

- Build and maintain shared foundation Ubuntu Linux and Docker images for use across the enterprise.
- Build and maintain shared cloud infrastructure tooling.
- Maintain custom tools for creating application machine images.
- Write reusable, tested, and efficient software code and scripts.
- Write automated tests to validate changes, and manually test those changes.
- Troubleshoot and resolve technical problems and code defects.
- Use a variety of tools to manage source code, builds, and deployments.
- Provide technical support for tools and systems owned by the team.

### **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

### **SIDE PROJECT: 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

### **SIDE PROJECT: 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