

# BT Franzen

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## EXPERIENCE

### InJoy Health Education, Colorado — Full Stack Web Developer

FEBRUARY 2018 - PRESENT

- + Develops PHP and JavaScript code to create dynamic content using web scraping and original video content.
- + Creates visually pleasing and accessible user interfaces utilizing a Content Management System (CMS).
- + Coordinates and collaborates with the development team to produce the best user experience possible.

### CodeCraft School of Technology, Colorado — Full Stack Web Development

*Bootcamp* SEPTEMBER 2017 - DECEMBER 2017

- + 12 week, hands-on immersive program culminating in a professional certificate in Full Stack, JavaScript-based Web Development.
- + Utilized JavaScript libraries and frameworks to write both backend and front-end code with functionality and a pleasing user experience in mind.

### DigitalGlobe, Colorado — Lead Geospatial Analyst (Imagery) 2017

- + Designed and implemented a metrics tracking system to track, analyze, and visualize pertinent data used in project planning, quality and capacity analysis.
- + Extensive experience troubleshooting GIS user issues, balancing a variety of demands, and explaining technical problems to non-technical users.

### United States Army, Virginia — Sergeant, Boatswain 2013

- + Handpicked by the Chief of the Army Reserve to operate and maintain a maritime test vessel.
- + Served as a squad leader to 12 Soldiers and as Vessel Master - command of the vessel and crew, initiation & supervision of emergency drills.
- + Attended 10 courses, over 39 weeks of training, and earned 6 awards. Safe navigation of the crew and vessel for over 100 missions as Vessel Master.

## EDUCATION

### Udacity, Online — Certificate in Android Development - Grow With Google Scholarship, Present

### CodeCraft School of Technology, Colorado — Certificate in Full Stack Web Development, 2017

### University of Denver, Colorado

- + Master of Science, Geographic Information Science, 2016
- + Graduate Certificate of Advanced Study, Geographic Information Systems, 2015
- + Graduate Certificate of Advanced Study, Software Design & Programming, 2018

### University of Maryland, Maryland — Master of Science, Business Management with a Concentration in Homeland Security, 2013

### Shippensburg University of Pennsylvania, Pennsylvania — Bachelor of Arts, Psychology, 2009

## PROGRAMMING LANGUAGES

- ◆ JavaScript (ES5 / ES6)
- ◆ PHP
- ◆ HTML / CSS
- ◆ Python
- ◆ Java
- ◆ SQL

## SKILLS

### Formal education in:

JavaScript MEVN Stack - MongoDB, Express, Vue, Node.js

GitHub, Git, BASH, Object Oriented Design & Programming, Java, Python, SQL, database design, NoSQL databases, web scraping, SDLC, REST, APIs

ESRI Products (ArcGIS, ArcMap, ArcCatalog, ArcOnline, StoryMaps, etc.), MapBox, QGIS, web mapping

Adobe Creative Suite (Photoshop, Illustrator, Animate, Premiere Pro)

### Experience with:

Analysis, tracking, & mapping of large data sets

Management and Leadership

Design and creation of metrics tracking and analysis systems

## FOREIGN LANGUAGES

Swedish - 45% Fluent (spoken and written, self-taught)

Spanish - 15% Fluent (spoken and written, self-taught)

## PROJECTS

+ [btfranzen.com](https://btfranzen.com) - a Single Page Application, built from the ground up, that serves as my personal portfolio.

+ [triggeraware.com](https://triggeraware.com) - final project at CodeCraft, this application is a searchable database built from web scraping. Users can search and recommend potentially triggering scenes.

+ [4onorthography.com](https://4onorthography.com) - serves as my photography portfolio.