

JAMES BATHO

SOFTWARE ENGINEER

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SKILLS

LANGUAGES: JavaScript, HTML, CSS, SQL, Jinja

FRAMEWORKS: Express, React, AWS, Redux, Flask, SQLAlchemy, jQuery, Jasmine, Jest, Gatsby

SOFTWARE: Node, PostgreSQL, AWS, Git / Github, FireBase

SOFT: Communication, Collaboration, Time Management

PROJECTS

No-Shows a No-Go

Apr. 2021 - Current

Project Lead for Code for Baltimore's VITA Group.

First identified how CfB can best assist CashMD with their VITA program by discussing with leadership the issues they are facing due to the COVID-19 pandemic. Currently our team is determining an effective strategy for reducing the No-Show rate by implementing SMS reminders and through integrating their scheduling system.

Technologies Used: Twilio, APIs

LinkedIn Clone

May 2021 - May 2021

Copycat LinkedIn homepage with React and Redux for the frontend and Firebase for the backend and user authentication. Users can register and login, add posts to the news feed, and see other users' posts.

Technologies Used: React, Redux, Firebase, Firestore

Jobly

Mar. 2021 - Apr. 2021

Job board website using mocked data with Express for the backend and a React frontend. Allows the user to search for a job by company or job title and keeps track of which applications the user has submitted.

Technologies Used: Express.js, React, PostgreSQL, Local Storage, Heroku, Surge.sh

Advanced Teamfight Tactics

Feb. 2021 - Mar. 2021

Statistics website for RIOT Games' Teamfight Tactics built with a Flask backend and Jinja frontend. Allows the user get information about their performance to determine how they can improve. Provides custom Teambuilder functionality so that users can create new team compositions and view compositions created by other users.

Technologies Used: Flask, SQLAlchemy, PostgreSQL, RIOT Games API, AWS, BCrypt, Heroku

RELEVANT EXPERIENCE

Software Engineering Student, Springboard, Online

Oct. 2020 - Current

Over 800 hours of coursework covering key aspects of front-end web development, back-end web development, databases, data structures, and algorithms. Built over 20 projects like an appointment creator and gaming statistics website.

Key Topics: DOM Manipulation, Event Driven/Object Oriented Programming, Terminal, Modern JavaScript, TDD/CI, AJAX, RESTful Routing, React

GIS Specialist, Maryland Environmental Service, Millersville, MD

Aug. 2019 - Aug. 2020

- Calculated drainage areas using Python and ArcGIS
- Created a web app showing GIS jobs in Maryland using ArcGIS WebAppBuilder
- Developed models for watershed classification

Research Assistant, SSPEED Center, Rice University, Houston, TX

May 2018 - May 2019

- Produced depth-damage curves of Harris County using Excel and ArcGIS
- Simulated rainfall events using HEC-RAS to generate flood maps of Texas watersheds
- Edited a technical report on the San Jacinto Waste Pits for an active EPA case

Warehouse Manager, All-Pro Team Sports, Middle River, MD

May 2016 - Oct. 2016

- Fulfilled over \$60,000 in orders weekly by processing incoming merchandise
- Maintained stocks and alerted supervisor when stocks of products were running low
- Ensured timely and correct distribution of product through effective collaboration with team

EDUCATION

Rice University

BSc Chemical Engineering 2019

Aug. 2013 - May 2019

AWARDS

Akers Senior Design Competition Winner, Rice University, Department of Chemical and Biomolecular Engineering

May 2019

Fulbright-Hays Scholarship U.S. Department of Education,

May 2015