Blaine Luszcak

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Education

University of Toledo - 2017   Toledo, OH
BS Computer Science & Engineering; *GPA: 3.67*   Aug 2013 - Dec 2017

Objective

As a Software Engineer with experience at an exit proven startup who has a passion for backend systems and an unmatched positive attitude, I look forward to my next opportunity to bring significant value through great software and collaboration.

Experience

Digital Pharmacist   Austin, TX
Software Engineer   Jan 2019 - Present

- Designed and implemented an appointment scheduling microservice that has over 50,000 COVID-19 reservations completed
- Co-designed and implemented a solution to facilitate bi-directional secure messaging within the application, which enabled efficient communication between the pharmacist and patient
- Enabled real-time notifications in the application using a pub/sub model leveraging NodeJS/Express/SocketIO, which ensured pharmacists and patients would receive the most up-to-date information
- Collaborated with mobile developers to design a flexible JSON call-to-action (CTA) payload to allow unique embeddable content into Inbox conversations
- Wrote and advocated for better Python unit testing patterns and easier ways to test multi-environment APIs through the use of Postman Teams and JS pre-request scripts

Jr. Software Engineer   Jan 2018 - Jan 2019

- Designed new backend endpoints for the Find a Pharmacy web app using Python/Flask that combined business logic with Google Places API
- Implemented a Python MySQL backup for the IP allow/block list that auto-reloads into Redis

Software Engineering Intern   May 2017 - Dec 2017

- Integrated Mixpanel into existing web apps
- Wrote Python scripts utilizing the Google Analytics API to better report on key business metrics
- Helped implement Airflow as an ETL

The Lubrizol Corporation   Wickliffe, OH
Information Solutions Co-op - SAP BASIS/DBA   May 2016 - Aug 2016

- Evaluated efficiency and provided insightful analysis of the company's master data management for their SAP applications/tools

Information Solutions Co-op - Automation Manufacturing   Aug 2015 - Dec 2015

- Built in-house web application with KnockoutJS/Bootstrap for chemical and process engineers to gain valuable insight into their PI data and S88 batch process

Information Solutions Co-op - Public Web   Jan 2015 - May 2015

- Managed, developed and completed restructure of two major parts for the corporate website using various front end programming techniques (HTML/CSS/JavaScript)

Skills

Programming:	Python, NodeJS, JavaScript
Frameworks:	Flask, FastAPI, Express
Infrastructure:	GCP, Terraform
Dev Tools:	Docker, Git/Github,
Systems:	MySQL/BigQuery, Redis, Pub/Sub

Accomplishments

Recipient, The Digital Pharmacist Award:	Digital Pharmacist 2019
Co-Founder, Glass City Community Solar:	Department of Energy 2017-2018
President, **B**uilding **O**hio's **S**ustainable **E**nergy **F**uture:	University of Toledo 2017
Vice-President, Solar Team Lead, Member (BOSEF):	University of Toeldo 2014-2016
Member, Jesup Scott Honors College (JSHC):	University of Toeldo 2013-2017