Harrison Welch

Innovative and outgoing Software Engineer with experience in data visualization, software development, and customer service. Offers a proven record of solving difficult problems, strong attention to detail, and the ability to consistently thrive in tough and enduring situations.

EXPERIENCE

SSI Schaefer North Amercia, Charlotte, NC — *Software Developer*

July 2021 - PRESENT

- Design and implement software solutions based on software requirement specifications.
- Own responsibility for a specific area of software development within a project.
- Actively communicate with team members, IT Project Manager and Software Developer Lead about work and project status.
- Create software documentation for software implementations.

SSI Schaefer North America, Pleasant View, TN — *Software Support Engineer*

July 2019 - July 2021

- Provide support for automated warehousing software systems as the first point of contact using an array of technical tools to perform complex troubleshooting and problem solving across a broad spectrum of various operations.
- Identify, document, and resolve issues with Warehouse Management Systems (WMS) and Material Flow Systems (MFS).
- Work as part of an international team to ensure maximum system uptime and performance.

APSU GIS Center, Clarksville, TN — *Student Computer Technician*

October 2016 - April 2019

- Research and develop technical solutions to problems using many interdependent software technologies.
- Full stack web and mobile development.
- Data manipulation of city and university records for visibility and authentication.

PROJECTS

Ox Picking Integration — *Heads-Up Display picking tools*

- Designed and implemented a section of a system to integrate received API calls via Kafka to create and update picks inside WMS software.
- Log data for ease of seeing improvement or lack thereof in ongoing issues.
- Built great documentation for all of this in Markdown style in Confluence.

Warehouse Stats — *Problem Identification and Visualization*

- A SQL+Python data visualization tool designed to view each area in the warehouse and the key performance indicators within them.
- Logs data for ease of seeing improvement or lack thereof in ongoing issues.

CONTACT

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SKILLS & TECHNOLOGIES

Java, Oracle SQL, Python, Javascript, C++, Kafka, Hibernate, React, Spring, Warehouse Management Systems (WMS), Material Flow Systems (MFS)

EDUCATION

Austin Peay State University, Clarksville, TN — *Bachelors in Computer Science*

August 2015 - May 2019

Magna Cum Laude 3.8/4.0

Major: Comptuer Science

Minor: Mathematics

President of the Association for Computing Machinery

President of Habitat for Humanity

COLLEGE AWARDS

Outstanding Student in Computer Science
Recognizing exceptional achievement and promise in the area of computer science.

Dean's List Fall 2015 – Spring 2018

Best Social Hack at VolHacks III

Phi Kappa Phi Honor Society