

BAILEY HENSON

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EDUCATION

Western Kentucky University

BS Computer Science

Aug 2015 – May 2019

Bowling Green, KY

- GPA: In-major GPA 3.91
- Coursework: Databases, Computer Architecture, Software Engineering, Mobile App Development, Data Structures, Algorithm Analysis, Programming Languages, Unix, Operating Systems, Applied Statistics
- Member of WKU Cloud Lab
- Student Ambassador / Panel for WKU's Computer Science Program (Ogden Preview Day)

EXPERIENCE

Fruit of the Loom

Software Developer (Internship)

June 2018 – Present

Bowling Green, KY

- Eliminated wait / response time for business users to manipulate Oracle Domain Value Map lookup tables by deploying a permissions-based tool (C# .NET MVC, Azure) to adjust on a per-need basis
- Effectively doubled project management / deployment time by crafting an application (React, Redux, Node.js, Electron) with automatic authentication measures and an intuitive user interface that implements Git version control features.
- Extended oversight of nearly 15,000 products covered by 4 eCommerce sites by performing analysis of millions of rows and constructing a web-based reporting application (React, Redux, Express, Node.js, SQL Server, Azure) that monitors for outages and performs content coverage with features such as spellcheck

PROJECTS

CodeIt React, Bootstrap, Express, Node, PostgreSQL

Web-based application that allows users to run and compile code in a sandboxed environment, all whilst interacting with a community that can provide feedback and solutions through a comment-based and forking-based system.

BioCloud Docker, Kubernetes, Linux

Automated deployment of a bioinformatics cloud solution, allowing users to remotely process data such as FASTQ biological sequences with a suite of tools.

Mission to the Moon React, Bootstrap, Express, Node, MySQL, Heroku

Web-based application created with local health department to allow users to collectively work towards a community goal through tracking exercise progress.

SKILLS

- Proficient: JavaScript (React, Redux, Express, Node.js, Ajax, jQuery), HTML / CSS (LESS, Material Design, Semantic UI, Bootstrap), Java, SQL (PostgreSQL, SQL Server), Version Control (Git), Agile Methodology (Scrum), Unix / Linux
- Familiar: C# (.NET), Python, Docker / Kubernetes, Continuous Integration