

# Bailey Henson

## Software Developer

Team player with an attention to detail - and not afraid to take anything on. Developed numerous web applications, ranging from a small health department's program to help get its community active, all the way up to helping one of the world's largest clothing companies get data into the right places.

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**GitHub** <https://github.com/bly01854>

### Employment

2018-06 - present	<div><b>Software Developer Intern</b> <i>Fruit of the Loom, Integration Solutions</i> Regular duties are cooperating with a two-pizza Scrum team to pipe large amounts of critical data around the company, as well as several individual projects:<ul style="list-style-type: none"><li><b>Dragonfruit</b><ul style="list-style-type: none"><li>Web-based application to assist business users quickly locate problem products through analyzation of millions of rows of eCommerce data. Users can visualize active products, and are also provided content coverage in the form of spellcheck and swatch analysis</li><li>Utilized: React, Redux, Express, Node.js, Azure SQL Server, Azure Cloud storage</li></ul></li><li><b>DVM Manager</b><ul style="list-style-type: none"><li>Web-based application to allow business users to quickly visualize and manipulate Domain Value Map lookup tables in Oracle</li><li>Utilized: Razor, .NET MVC, Oracle, Azure Cloud storage</li></ul></li><li><b>Pantheon</b><ul style="list-style-type: none"><li>Desktop project maintenance tool for our team to automate progress with Git and allow for simple deployment to production instances</li><li>Utilized: React, Redux, Node.js, Git, Electron</li></ul></li></ul></div>
2017-01 - 2018-06	<div><b>Enterprise Systems Student Worker</b> <i>Western Kentucky University, Information Technology</i><ul style="list-style-type: none"><li>Provided support in over 1500 ticket tasks for various student and staff for Active Directory, Outlook, and Mailman applications</li><li>Cooperated with system administrators and other student workers to resolve technical support incidents</li></ul></div>

### Education

2015-08 – present	<div><b>Western Kentucky of University</b><ul style="list-style-type: none"><li>BS in Computer Science, May 2019. In-major GPA: 3.91</li><li>Student Ambassador / Panel for the Computer Science program (Ogden Preview Day)</li><li>Member of the WKU Computer Science Cloud Lab</li><li>Coursework: Database, Computer Architecture, Software Engineering, Mobile App Development, Data Structures &amp; Algorithm Analysis, Programming Languages, Unix, Operating Systems, Applied Statistics</li></ul></div>
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### Software Projects

<div><b>Codelt</b><ul style="list-style-type: none"><li>Web-based application that allows users to run and compile code in a sandboxed environment, whilst being able to interact and request assistance from the community through a comment-based system.</li><li>Utilized: React.js, Bootstrap, Express.js, Node.js, PostgreSQL</li></ul></div> <div><b>BioCloud (deployment)</b><ul style="list-style-type: none"><li>Automated deployment of a bioinformatics cloud solution onto designated clusters, where users can process FASTQ biological sequences</li><li>Utilized: Express.js, Node.js, MySQL, Docker, Kubernetes</li></ul></div> <div><b>Mission to the Moon</b><ul style="list-style-type: none"><li>Contract with local health department for a web-based application that allows users to monitor their progress while walking, running, cycling, or any other similar exercise.</li><li>Utilized: React.js, Bootstrap, Express.js, Node.js, MySQL, Heroku</li></ul></div>
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### Skills

<b>Proficient:</b> Javascript (React, Redux, Express, Node.js), CSS (Material UI, Semantic UI, Bootstrap), HTML, C#, SQL, Git, Unix / Linux
<b>Familiar:</b> Java (Android Studio), Python, Docker, Kubernetes