

# 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	<p><b>Software Developer Intern</b></p> <p><i>Fruit of the Loom, Integration Solutions</i></p> <p>Regular duties are cooperating with a small Scrum team to pipe critical data around the company, as well as several individual projects:</p> <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, visualize active products, and provide 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>
2017-01 - 2018-06	<p><b>Enterprise Systems Student Worker</b></p> <p><i>Western Kentucky University, Information Technology</i></p> <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>

## Education

2015-08 – present	<p><b>Western Kentucky of University</b></p> <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>
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## Software Projects

	<p><b>Codelt</b></p> <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> <p><b>BioCloud (deployment)</b></p> <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> <p><b>Mission to the Moon</b></p> <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>
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## Skills

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