

Mitchell Hein

Software Developer

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Relevant Experience

Product Developer @ Lisam Systems

July 2020 – Present // Bryan, TX

Data Extraction: Using Python, built a program that can perform data extraction from thousands of PDF files, Word Docs, or JPEG photos at once. The company now promotes this technology when selling the Lisam software to prospective clients.

Data Cleaning: Using Python and Excel, clean large data sets of customer product information. Combine and transform the data for customer products based on their needs and specifications.

Web Scraping: Using Python, create tools that acquire online data such as chemical lists to automate list updates that the team previously had to do manually on a regular basis

App Scripting: Using C#, built custom features and worked with the Lisam software API to create personalized functionality within the software for each customer.

Automation: Using Batch scripts, Powershell Scripts, or Python, worked to automate multiple processes for customers and the Lisam team.

Database/Software Installation: Worked with SQL to install and upgrade both the back end and the front end of our software for clients. This includes troubleshooting network or server errors and complications.

Testing: Performed Alpha and Beta testing of our software prior to and following the release cycles. Implemented Test Driven Development throughout the Service Delivery Team.

Documentation: Wrote technical software change requests to fix bugs or inconsistencies in the software. Also created technical documentation for any new or edited features that were built.

Customer Support: Aided the first line support team to assist clients with technical challenges.

Web Developer @ Freelance

January 2021 – Present // College Station, TX

✧ <http://www.bcsrei.com> // React, Next.js, Vercel

Custom built React site. Calculator functionality with real-time changes utilizing state.

✧ Crossfit Aggieland website redesign // Wordpress

[Old Site](#)

[New Site](#)

✧ <http://www.hannahclardyphotos.com> // SquareSpace

Skills

Programming Languages

C#, Python, Javascript, HTML, CSS, SQL, Dart

Libraries & Frameworks

.NET, React, Node, Express, Next, Bootstrap, Flutter

Tools & Platforms

Visual Studio, IIS, PyCharm, Beautiful Soup, Selenium, Pandas, Git, Heroku, Vercel, Wordpress

Education

Oregon State University

May 2022 // Remote

✧ BS in Computer Science

✧ GPA: 3.95

Texas A&M University

Dec. 2017 // College Station, TX

✧ BS in Applied Exercise Physiology

✧ GPA: 4.0

✧ Graduated an Honor Undergraduate in 3.5 years.

Additional Projects

Finance Application

[View Finance App Demo](#)

Rental Search Application

[View Rental Search App Demo](#)