

# Tyler Heist

Auburn, PA

tlrhst3@gmail.com

linkedin.com/in/tyler-heist/

610-301-1245

**Portfolio of Work:** <https://github.com/Tyler-Heist>

## Professional Summary

Highly motivated, organized, and detail-oriented developer, passionate about technology and learning more about software development. Experienced with website and application development and looking to expand my knowledge and technical expertise to grow in the career field. Strong listener and effective communicator who is always willing to help wherever possible. Excited about the opportunity to continuously learn new skills.

## Skills

- Python
- SQL
- MongoDB
- JavaScript
- React.js
- HTML/CSS
- C++
- WordPress
- Excel

## Education

**Bachelor of Science in Computer Science:** Software Engineering conc.  
Southern New Hampshire University – Manchester, NH

Graduated: August 2023  
GPA: 4.0

## Projects

**Bitcoin Price Website:** Developed cryptostatsapp.com (not currently live) using HTML, CSS, JavaScript, and Python's Flask web framework to display data from Google Sheets API call responses. Deployed website using an AWS Elastic Beanstalk instance for load balancing and AWS Route 53 for URL redirection. Deployed a Python script on a Raspberry Pi running Linux that calls an API for Bitcoin price data and writes data to a Google Sheet.

## Professional Experience

### IT Systems Integrator

February 2023 – Present

Mast Roofing & Construction, Inc. – Oley, PA

- Leveraged Python's Selenium, Pandas, and smtplib packages to automate reporting by having Selenium log into CRM, download and format reports before emailing results as an excel documents.
- Created scheduled events via Python's schedule package to execute custom SQL queries from CRM's MS SQL Server to send out automated emails based on query results for hour-by-hour updates on leads and sales.
- Setup server to receive webhooks from sales software, and query software API to create a material order form with pre-margin prices to significantly reduce time spent reviewing material order forms and margin validation.
- Automated marketing efforts by integrating weather API with Google Ads Scripts to dynamically adjust ad groups and campaign costs based on weather conditions, optimizing marketing, and reducing cost per lead.

### Sales Manager & IT Tech

July 2021 – February 2023

RAW Exteriors – Bernville, PA

- Reduced company overhead by over \$2,000/mo. by switching from an MSP to creating and hosting rawexteriors.com using a WordPress managed site.
- Manage email system, adding aliases in Gmail for each respective first.last@rawexteriors.com email.
- Saved \$100/mo. by switching from a rental printer to purchasing one and setting up scan-to-email functionality.
- Created online lead generation by implementing website forms, improving customer service experiences.