

**William Setzer**  
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**SUMMARY**

Customer-focused professional offering experience in computer programming, data collection, data processing, and analysis, with knowledge in **Java** and **Python**.

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**EDUCATION**

Bachelor of Computer Science University of Alabama at Birmingham GPA: 3.80	May 2018 Birmingham, Alabama
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**WORK EXPERIENCE**

<b>RESEARCH ASSISTANT</b> UAB DEPARTMENT OF COMPUTER SCIENCE	MAY 2018 – PRESENT
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<b>PROGRAMMER</b> UAB COMPUTER FORENSICS RESEARCH LAB	MAY 2017 – MAY 2018
<ul style="list-style-type: none"><li>• Created efficient web scrapers to scrape forums in <b>Python</b> using packages including <i>Requests</i>, <i>lxml</i>, <i>aiohttp</i>, <i>AsyncIO</i>, <i>multiprocessing</i>, and <i>Selenium</i>.</li><li>• Transitioned web scraping in the lab from pure Selenium to Requests, AsyncIO, and aiohttp to create faster web scrapers.</li><li>• Created a web forum database for scrapers in <b>PostgreSQL</b> to replace multiple non-standardized ways of storing forum data.</li><li>• Set up and maintained a <b>MongoDB</b> instance for collecting a variety of non-standard data collected from the web.</li></ul>	

<b>BARISTA</b> STARBUCKS	MAY 2016 – NOVEMBER 2016 BIRMINGHAM, ALABAMA
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<b>CASHIER</b> CHICK-FIL-A	JANUARY 2016 – MAY 2016 BIRMINGHAM, ALABAMA
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<b>PROSTHETIC TECHNICIAN</b> ALABAMA ARTIFICIAL LIMB AND ORTHOTICS SERVICE	MAY 2015 – JUNE 2015, MAY 2013 – JUNE 2013 MONTGOMERY, ALABAMA
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<b>WEBSITE PRODUCT ENTRY</b> BETH'S HEIRLOOM SEWING	JUNE 2014 – AUGUST 2014 WETUMPKA, ALABAMA
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**AWARDS AND LEADERSHIP**

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| • UAB PRESIDENTIAL SCHOLARSHIP    | FALL 2014  |
| • VERMEER CORPORATION SCHOLARSHIP | 2014, 2016 |