

# Jacob Good

Software Engineer | [Personal Website](#) | [LinkedIn](#) | 302-522-7452 | [jacobegood@gmail.com](mailto:jacobegood@gmail.com)

## WORK EXPERIENCE

### ***SDI, Inc***

#### Python Developer

***Remote | Bristol, PA***

October 2022 - Present

- Improved application search performance using Apache Solr. Reduced noise and positively impacted purchase funnel.
- Orchestrated a program for a multi-national company to automate user ID loading, yielding our team substantial time-saving of 15 hours per week.
- Managed the end-to-end data pipeline, including file retrieval, data cleansing, and storage in Snowflake. Facilitated data access for the frontend team by uploading processed data to Solr, while also optimizing search capabilities.
- Elevated a sourcing application through the integration of login credentials, emphasizing performance and object-oriented programming principles. Leveraged APIs, web crawling techniques, and the Python requests library to efficiently extract information on over 50,000 products in each operational run.
- Played a pivotal role in the refinement and expansion of REST APIs for internal systems, seamlessly integrating client APIs into our enterprise infrastructure. Real-time pricing API, data imports, invoice POSTs, etc.
- Developed, improved, and managed automation bots. Frequently used Excel, Microsoft API, Django, and Celery
- Participated in routine SCRUM meetings. Communicated with stakeholders to help alleviate bottlenecks in production and manual data entry processes using CRM platforms like Jira, ServiceNow, and the Microsoft Suite.

### ***100 Devs***

#### Software Engineer

***Remote | Los Angeles, CA***

January 2022 - January 2023

- Collaborated with a team of developers to build high-quality, semantically structured, and responsive web applications using best practices. Solved a variety of technical challenges to increase page loading speed.
- Designed and built a REST APIs using Javascript, Node and Express, offering a range of resources for learning web development.

### ***Goody's Web Dev***

#### Web Developer, Data Analyst, Technical Writer

***Remote***

December 2018 - Present

- Using Python and its data analytics libraries, presented reports analyzing Philadelphia neighborhoods for a client looking to open a new boutique coffee shop.
- Utilized Javascript, HTML, CSS, and web-development frameworks to build cutting edge web applications and websites for clients focusing on SEO. Created and wrote articles highlighting different ways to use React.js hooks, incorporate Node.js with Twilio, and serve web pages.

### ***Weiming International School***

#### Academic Director, Coding Teacher, and Business Teacher

***China***

September 2013 - June 2022

- Developed Python, HTML, CSS, and JavaScript courses. Led a team of 25 teachers to complete global competence training in association with Harvard College of Education.

## SKILLS

Programming Languages (Python, Javascript, SQL, HTML, CSS, Git)

Databases (Oracle, MySQL, Snowflake, MongoDB)

Frameworks (React, Node.js, Express.js, Django, Flask, Bootstrap, TailwindCSS, HTMX)

Tools/Technologies (Linux, MuleSoft, Apache Solr, REST/SOAP API, Git, Github, AWS, Communication, Collaboration)

Data Science (Pandas, Numpy, Tensorflow, Pytorch, Data Visualization, Scikit-learn)

## CERTIFICATIONS and EDUCATION

***AWS Cloud Practitioner: Foundational - 2024\* - Expected to complete exam in May 2024.***

***Google Data Analyst - 2020***

***IBM Data Science - 2020***

***IBM Cloud Applications - 2020***

***Masters in Education in Curriculum and Instruction, American College of Education, 2015 - 2017***

***Bachelors of Education in Biology, West Chester University of Pennsylvania, - 2006 - 2010***