Christopher Becker

Austin, TX, US   +1 607-431-3238   Christopher.Becker.J@gmail.com

linkedin.com/in/christopher-becker-b0479911a/   verzyi.github.io/Portfolio

Software Developer

Python Specialist Results-driven software developer with a proven track record in Python automation, Flask backend systems, and web development. Adept at leveraging technical skills honed through an AAS in Computer Programming and certifications in Web Development and SQL. Known for designing efficient solutions and streamlining processes to enhance productivity. Excels in collaborative environments, fostering innovation and delivering impactful coding solutions. Seeking to contribute expertise and drive impactful projects in a dynamic tech-centric role.

Work experience

Production Manager
2023-11 - present

Cumberland Additive, US

Cumberland, Austin, TX (Stratasys Metals Facility Acquired by Cumberland Additive in 2023)
Production Manager

- Designed and led the implementation of a Flask web-based tool, streamlining operations during the transitional phase between companies, and facilitating a smooth system transfer within six months.
- Centralized a decade's diverse data into a unified database using Pandas and SQL, enhancing accessibility and operational efficiency.
- Coordinated hardware setup with external vendors, ensuring a seamless production environment.

Production Supervisor
2022-04 - 2023-11

Stratasys, Austin

- Led training and supervision for 15+ team members, optimizing productivity through procedural enhancements and Python-based tool development.
- Developed tools leveraging Python to improve workflow visibility and efficiency.
- Mentored team members on technical documentation and quality clauses.
- Created a sophisticated reverse engineering time estimation and quoting system, leveraging regression models for accurate time predictions. Enhanced efficiency in reverse engineering and quoting for specialized machine files.

Lead Programmer
2018-04 - 2022-04

Stratasys, Austin

- Automated tasks using Python, optimizing workflows, and reducing operational costs.
- Developed and implemented a comprehensive dashboard system to monitor and manage operations across a network of 20 machines, facilitating real-time decision-making and optimizing efficiency.
- Conducted daily project reviews utilizing agile methodologies like Scrum and Sprint.

Rp Machine Operator & Programmer
2016-06 - 2018-04

Stratasys, Austin

- Operated and set up 30 SLA and Polyjet machines, maximizing production efficiency.
- Managed inventory and conducted file alterations for build preparation.
- Contributed to executing significant machine upgrades and installations, ensuring seamless operations.

Education

AAS
Austin Community College

2019-09 - 2022-06

AAS: Computer Information Technology in Computer programing
Austin Community College • Austin, TX, USA • GPA: 3.4 • 09/2019 - 06/2022

Skills

Programming: Python

8+ years of automation, web development, data science, and etc.

Programming: Data Science

Pandas, NumPy, SciPy, Scikit-Learn, Seaborn, Matplotlib, and Jupyter

Programming: SQL

Oracale, MySQL, SQLlite 3, database design, relational, non relational

Programming: Flask

Design/integrate database systems, modular, Restful API

Programming: Front-End

JavaScript, React, CSS, HTML, Git, Docker

Management: Budgeting and Cost Control

Project Management, Excel Expert, Data Visualization

Management: Leadership

Public speaking, Host Trainings, Collaboration, Time Management

Management: Problem-Solving

Creative Thinking, Detail Oriented, Troubleshooting

Skills

English

Qualifications

SKILLS

- Software Development: Agile Software Development, Data Science, Flask Framework, Git, JavaScript, Python, Scrum Methodology, SQL, Web Development
- Technical Skills: Agile Methodologies (Scrum Kanban), Automation Tools (Selenium AutoIT), Database Management (SQL SQLalchemy), Programming Languages (Python Java), Software Development (Flask Django), Version Control (Git GitHub), Web Development (HTML CSS JavaScript)
- Project Management Skills: Budgeting and Cost Control, Project Planning and Scheduling, Resource Allocation, Risk Management, Stakeholder Communication
  Data Analysis and Management: Data Cleaning and Integration, Data Visualization (Tableau Power BI), Statistical Analysis (Pandas NumPy)

- Leadership and Team Collaboration: Collaboration and Teamwork, Mentorship and Training, Team Leadership
- Problem-Solving and Analytical Skills: Critical Thinking, Solution Development, Troubleshooting

INTERESTS

- Other Interests: Camping, Cooking, marksmanship competitions
- Technology : 3D-printing, Gaming, PC building

Achievements

- Occupational Skills Award Computer Programming Austin Community College • 08/2020

Certifications

- Front-end Development & SQL Competency
- Mimo