

SIYAO CHEN

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SKILLS

LANGUAGES: Javascript, Python, Java, SQL, C, C++, HTML / CSS, Scala
TECHNOLOGIES: React, Node, Express, Flask, Salesforce, jQuery, MongoDB, Bootstrap, Git, Postman, Splunk, Adobe Suite (UI/UX Design)

EXPERIENCE

STRATUS 360

JAN 2020 - CURRENT

FULL STACK DEVELOPER

- Designed and implemented a scalable backend Salesforce architecture using Javascript, Apex, and SQL for the sales department of Rogers, increasing the sales team's efficiency by 1.5x
- Developed and launched a popular web component on the Salesforce AppExchange that provides customizable notification functionality for users

POINTS INTERNATIONAL

MAY 2019 - AUG 2019

SOFTWARE DEVELOPER

- Created an automated Python tool to streamline internal migration by converting existing XML configurations to a custom JSON format, eliminating over 1000 hours of manual labour
- Wrote backend JavaScript functions to support the conversion of data formats between partner services and the integration engine

DECISION RESOURCES GROUP

AUG 2017 - SEP 2017

DATA ANALYST

- Worked on the product team, creating SQL queries to update the medical device database with complete product information
- Performed data formatting and verification to create records for over 5000 missing products

PROJECTS

SENTIMENTIFY • Python / Flask / HTML / CSS

- Created a Flask web app that performs sentiment analysis on a Reddit post to determine the overall positivity of comments
- Used Natural Language Toolkit to train a Naive Bayes Classifier to classify comments as positive or negative and return the percent confidence

TIER ONE HEALTH • Python / Javascript / Node / Express / React / HTML / CSS / SQL

- Built a web app that tracks users' health statistics in a SQL database to deliver progression analysis and personalized lifestyle recommendations
- Developed the responsive website and sign-in page with user authentication using Javascript, React, and HTML / CSS
- Used Python, Node, Express, and Twilio API to dynamically send SMS updates to users' phones, notifying them of new analysis and diet/exercise reminders

EDUCATION

UNIVERSITY OF WATERLOO

SEP 2018 - MAY 2023 (EXPECTED)

BACHELOR OF COMPUTER SCIENCE

Relevant Major GPA: 3.96 / 4.00