KEVIN ZEHNDER

Entry-Level Python Developer

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- https://chelicerdata.com
- https://github.com/righttrianglesrkewl3/job

SUMMARY

Tenacious self-starter who thinks big and thrives as part of a team

KEY SKILLS

- Positive Attitude
- Desire to Learn
- Schedule Management

TECHNOLOGY SUMMARY

- **Programming Languages (2+ years)**: Python

CERTIFICATIONS

- **Certificate of Completion** | PyImageSearch "Guru" Course | October '19 - February '20
- **Python for Computer Vision with OpenCV and Deep Learning** | Udemy | July '19

AWARDS

- **Outstanding Project** | Capstone Biology | March 2016

PROFESSIONAL EXPERIENCE

Business Research Team
Law Office of Robert B. Jobe

Dec '16 - Present
San Francisco, US

The Law Office of Robert B. Jobe is a nationally recognized firm that specializes in complex asylum cases

Responsibilities

- Assigned to special projects for a fast-paced, large volume immigration law office with 20 attorneys and a total staff of 47
- Trust account management, business intelligence and analytics
- Maintained and improved existing Internet/Intranet applications

Highlights

- Developed a process for extracting (ScraPy), wrangling (Pandas), storing (MongoDB), and serving (Flask/NGINX) data that reduced missed case rate by 11% in 2019 and 15% during remote work due to COVID
  - The system communicates critical up to date information and changed how attorney scheduling decisions are made
  - Implemented data wrangling: cleaning, transforming, merging and reshaping data frames
  - Determined optimal business logic implementations, applying best design patterns
- Optimized decision making and facilitated growth by automating an audit system for the firm's Trust account that increased payment processing by 13% in Q3/Q4 of 2019
  - Reduced staff time for Trust management by nearly 25%
  - Created a bank statement dashboard that aggregates a list of transactions filterable by particular criteria using Flask and Plotly-Dash
  - Designed data visualizations and a PowerPoint to present current impact and effectiveness
  - Led to changes in in how upper management handles account audit protocols

EDUCATION

University of Oklahoma
B. Sc. - Biology
3.5 GPA

Jan '12 - Jun '16
Norman, OK

RESEARCH

- J.R. York, **K. Zehnder**, T. Yuan, O. Lazika, McCauley DW. **Evolution of Snail-mediated regulation of neural crest and placodes from an ancient role in bilaterian neurogenesis**. Dev. Biol. 453 (2019), pp. 180–190. (doi:10.1016/j.ydbio.2019.06.010)

- J.R. York, T. Yuan, **K. Zehnder**, D.W. McCauley. **Lamprey neural crest migration is Snail-dependent and occurs without a differential shift in cadherin expression.** Dev Biol, 428 (2017), pp. 176-187. (doi:10.1016/j.ydbio.2017.06.002)

- J.R. York, O. Lazika, **K. Zehnder**, D.W. McCauley. **Role of SoxD in the Evolution of the Epithelial-Mesenchymal Transition in Neural Crest Cells.** Society for Integrative and Comparative Biology (SICB) Annual Meeting. January 3-7, 2016. Portland, Oregon.

SELECTED PROJECTS

Computer Vision

- Gathered and labeled test/train datasets as well as trained a (Faster R-CNN) model for a multi-class TensorFlow object detector which recognizes individual bottles of Clorox wipes and hand sanitizer.
- **Used**: Python, TensorFlow

Raspberry Pi

- Constructed a multi-camera home surveillance network using Raspberry Pi

3B+. Featured an on-screen notification when person detected in specific area as well as timestamped logging of specific events to SQL database.

- **Used**: Python, Raspberry Pi, OpenCV