

DANG LE

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SKILLS

- C# | .NET | Java | JavaScript | C++ | Python | MySQL | Node.js | Express | Git | OOP | Software Development
- Azure | Cloud Computing | Dynamic Programming | Data Structures & Algorithms | Debugging & Testing
- Backend | Frontend | Multi-threaded Architecture | Object Oriented Methodologies | Lambda

EXPERIENCE

Student Intern

Santa Barbara Public Defenders

08/2021 – 05/2022

Working with a team of ten. We were given two projects to complete. As a team we approach our project using agile methodology. During the software development process, we gained experience working as a team and learning new skills. Our first project was to Integrate eDefender (a client case management app) with Box.com and our Second project was to build a Document Tag Parser Application. Details on the completion of our projects and accomplishments:

Box.com/eDefender Integration

- Provide a method for transcribing both video and audio files.
- Adapt the existing Box skill application to function within our sponsor's environment.
- Collaborate with our sponsor's developers to add an alert system to the app.
- Test the application to ensure it functions as expected with all external dependencies.
- Testing was completed using our own AWS and Azure accounts.
- Built a Box.com skills service to invoke lambda function.
- Connect Lambda to Azure Video Analyzer which transcribes media and sends data back to lambda function, lambda then sends the metadata to Box.com and a success message once the process is complete.

Document Tag Parser

- Built a software application that can automate the process of renaming files.
- Utilize multi-threading to assist in processing of documents.
- Provide a results report to the user once the process is complete.
- Process any type of pdf files (text based/image based) of any size.
- Rename files based on first date stamp and last date stamp.
- Rename files with a default naming convention if no date stamps were found.
- Process files within a selected folder or individual selected file(s).
- Run on Windows operating system.
- Our application saved Santa Barbara Public Defenders Office roughly 20 hours per week.
- Technologies used Python, Pytesseract OCR Library, Pdf2image library, Tkinter GUI toolkit.
- Full software application was launched for SBPD.
- 99.9% accurate.

Boxing Trainer

Wildcard Boxing Club

01/2009 – 01/01/2021

Personal Banker

Wells Fargo

01/2009 – 01/01/2014

EDUCATION

Bachelor of Science

California State University Los Angeles

08/2020 – 05/2022

- Major in Computer Science and Engineering
- Southern California Edison STEM Scholarship Student
- CSULA Code Brew Computer Science Club
- Dean's List, 3.5 GPA

Associates of Science

Los Angeles City College

08/2017 – 05/2019

- Associates in Mathematics and Physics
- LACC Programming Club
- Dean's List