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WORK EXPERIENCE

ZUVA AI | INTERMEDIATE SOFTWARE DEVELOPER

Sept 2021 – June 2022 | Toronto, Canada

- Started entirely new product through which users can perform supervised machine learning for sequence labelling on legal documents for contract analysis
- Participated in product infrastructure design as well as containerization (Docker, Kubernetes and Terraform) and deployment (Azure, Argo CD)
- Implemented Go microservices to facilitate file processing including application of OCR, document classification, training, and S3 cloud object storage
- Introduced Role Based Access Control combining Auth0's Management API (Node.js, Typescript) and Hasura's GraphQL permissions

KIRA SYSTEMS | INTERMEDIATE SOFTWARE DEVELOPER

Aug 2019 – Sept 2021 | Toronto, Canada

- Contributed several important features to Kira's industry-leading Machine Learning based contract analysis product (Go, Clojure, Typescript)
- Implemented the Document Viewer, a complex React.js component used to annotate documents for the creation of machine learning training sets
- Transitioned machine learning method from offline to online learning removing the need to retrain entire datasets and saving 1000s of hours of computational resources
- Created integration service using the Salesforce REST API, unifying product and CRM users while enabling the business to bill clients accurately based on product usage

UNIVERSITY HEALTH NETWORK | SOFTWARE DEVELOPER

Sept 2018 – Aug 2019 | Toronto, Canada

- Created the Morgue Log application (Clojure/ClojureScript), used to notify staff across UHN hospital morgues when bodies require attention
- Developed backend JSON-RPC services (Java) granting hospital clinicians centralized access to patient data, reducing discharge wait times by up to 50%

EMMETROS LIMITED | SOFTWARE DEVELOPER

Jan 2018 – Apr 2018 | Waterloo, Canada

- Developed core features for iOS app using Swift along with analytics integration enabling the company to track key performance metrics
- Tracked and fixed bugs in MEAN stack application

PROJECTS

GLOOMHAVEN CARD BROWSER (www.gloomhavencards.com)

- Creator and maintainer of the Gloomhaven Card Browser, a Next.js application used by thousands of players to browse cards from the popular board game Gloomhaven

EDUCATION

UNIVERSITY OF WATERLOO

BACHELOR'S IN COMPUTER SCIENCE

Sept 2014 - Aug 2018 | Waterloo, Canada

Minor in Combinatorics and Optimization

SKILLS

LANGUAGES

- > English Native
- > French Conversational
- > Dutch Beginner

PROGRAMMING

- > SQL Proficient
- > Typescript Proficient
- > Go Proficient
- > Clojure Proficient
- > Java Proficient
- > Swift Familiar
- > Python Familiar
- > C/C++ Familiar

LIBRARIES / FRAMEWORKS

- > React.js
- > Node.js
- > Express.js
- > Next.js
- > Reagent
- > Cypress
- > GraphQL
- > Argo CD
- > Auth0 API
- > Salesforce API
- > Material-UI
- > Posthog

TOOLS / TECHNOLOGIES

- > Git
- > Docker
- > Kubernetes
- > Minkube
- > Terraform
- > Tilt
- > Github Actions
- > AWS S3
- > Azure
- > PostgreSQL
- > MongoDB
- > Elasticsearch
- > RabbitMQ
- > Hasura
- > OAuth2
- > OpenID