

PROFESSIONAL PROFILE

Ambitious **full stack software engineer** with a master's degree in Finance and Risk Management & Insurance. Strong technical and analytical abilities combined with excellent interpersonal and communication skills position me for successful interaction with all professional levels.

SKILLS

Programming and Frameworks: Python, JavaScript, React, CSS, HTML, Node JS, Express, Django

Database: MongoDB, Mongoose, PostgreSQL

Tools and Technologies: AWS S3, Mongo Atlas, Postman, Docker, VScode, Jira, Git, RESTful API

Business: (Enterprise) Risk Management, Data Analysis, Business Reporting, Financial Budgeting, Commercial Insurance

Languages: Mandarin Chinese & Cantonese

PROJECTS

The Little Art Den [deployed frontend](#) | [deployed backend](#) | [github frontend](#) | [github backend \(nodocker\)](#) | [docker image](#)

- Full stack solo project: an app for art school students to showcase and sell their artworks
- Back-end used Python, Django, PostgreSQL, AWS S3, Docker and included 3 models
- Front-end included 17 components using React, React-Bootstrap, and Material-UI to enhance the user experience
- Enforced user authentication and authorization with full CRUD functionality

Michelin Stars Finder [deployed frontend](#) | [deployed backend](#) | [github frontend](#) | [github backend](#)

- Full stack team project: an app that displays Michelin Star restaurants in Washington D.C. with their details and reviews
- Front-end included 11 components using React, React Router, CSS grid and flexbox, Style Components and React-Bootstrap; back-end included 3 models using Node, Express, MongoDB, Mongoose, and Mongo Atlas
- Front-end successfully communicated with the back-end API RESTfully to perform Create, Read, Update, and Delete (CRUD) functionality through axios. Included user authentication and authorization. Used Postman during developing.
- Adhered to Agile methodology using Jira Software to create a ticket system which was mocking the industry workflow

Travel Safe [deployed site](#) | [github](#)

- Developed a website to assess travel risk for all the countries
- Implemented 13 components using React and retrieved data from existing publicly sourced APIs through fetch
- Leveraged CSS grid, flexbox, media, keyframes, and Style Components and deployed with Heroku

Enchanted Rose (game) [deployed site](#) | [github](#)

- Used HTML/CSS/JavaScript to implement a unique version of the Hangman game
- Designed and drew the petals with Figma and added animation using CSS transform and transition
- Git was the version control tool used for all phases of the project

WORK EXPERIENCE

Arrow Electronics Inc. - Senior Risk Management Analyst - Centennial, Colorado 2015 - 2021

- Assist with insurance renewals, consolidate RM data and acted as an inter-company resource providing services
- Monitor loss control and engineering recommendations with regards to physical assets & facilities
- Accountable for building ERM metrics quarterly report, communicating with risk owners and presenting data insights
- Collected and analyzed corporate data to provide insurable value for policy renewals and risk control
- Led the Global Travel Management Program by collaborating efforts of various teams and parties around the globe

Wave Financial Partners - Risk Management and Insurance Specialist - Aurora, Colorado 2013 - 2015

- Managed a team dedicated to understanding client needs and identifying their risk exposures for property and liability
- Processed all client and carrier correspondence, invoicing, reconciliations, binders, certificate of insurance, endorsements, audits, policy accuracy, and detailed coverage counseling efficiently

EDUCATION

Software Engineering Immersive - General Assembly 2021

Masters of Finance and Risk Mgt. & Insurance - University of Colorado-Denver (UCD), Denver, CO 2013

Bachelors of Finance - Guangdong University of Finance (GDUF), Guangzhou, Guangdong, China 2011