Katelyn Ma

778-512-0987 | Richmond,BC| Canadian | katelynvan152@gmail.com|Jr. Full-stack Developer
LinkedIn | Github | Portfolio link

TECHNICAL SKILLS

Python, JavaScript, Java, AWS EC2, Vue, Vuex, Postman, **Express, React, Node, MongoDB, Mongoose,** Flask, **Django, Bcrypt, Spring MVC, MySQL**, HTML5, CSS5, AJAX, jQuery, Bootstrap, Jinja2, NPM, **Sockets.io, Git, JSP, JPA**, Junit, Thyme Leaf, Tomcat, JVM, OOP

PROFESSIONAL EXPERIENCE

Full Stack Developer | *Wysdom.AI* | Canada   2021-2023

- Utilized expertise in JavaScript frameworks, HTML, SCSS/CSS to develop chatbots and analytical platforms with exceptional user interfaces.
- Employed NodeJS/MongoDB for the backend projects, ensuring efficient and scalable performance.
- Worked closely with product teams to ensure the best possible user experience for end-users.
- Thrived in an Agile environment, delivering high-quality work within tight deadlines(used Jira and Bitbucket)

Junior Web Developer | *NYCDigitalMarketing* | United States | Testimonials   2021

- Built full-stack web applications using the MERN frameworks while under time constraints, delivering high-quality work within tight deadlines.
- Successfully integrated user-facing elements with server-side logic, resulting in seamless user experiences.
- Improved application performance and scalability by using modern frameworks and optimizing SQL queries, resulting in faster load times and increased efficiency.
- Conducted QA and integration for web applications, ensuring that all features were working as intended before deployment.

TECHNICAL PROJECTS

Mood Score App| *main contributor* | GitHub link | 2021 | Completed in 7 days   **Full-stack**
Track your mood through time and receive psychological health tips

- Developed front-end with React and back-end with Express, Node, and MongoDB
- Built one-to-many relationship with nested documents using Mongoose
- Employed JSON web token, cookies and Bcrypt for validations, authentication, and encryptions
- Engineered a React chatbot and used AFINN-based sentiment analysis to get the text-sentiment of the users
- Leveraged ChartJs to generate users' weekly mood graph

Pet Adoption App| *main contributor* | GitHub link| 2021 | Completed in 5 days   **Full-stack**
This is a pet adoption app aiming to provide a smooth user experience and give easy access to the Petfinder API

- Parsed through the RESTful API using Python allowing the adopters to search for locally available pets
- Encrypted user password with Bcrypt and hashing for user security
- Created and linked one-to-many relationship models using MySQL for user and pet adoption information

Project Manager | *main contributor* | GitHub link| 2021 | Completed in 3 days   **Full-stack**
This is a simple app created to conveniently manage projects

- Built many-to-many relationships using Java Spring Tool Suite 4 and MySQL
- Encrypted user password with Bcrypt and hashing for user security
- Also used JSP, Tomcat, OOP, Bootstrap, JPA, RESTful routing and Junit to complete the full-stack projects

UnfoldingMap | *main contributor* | GitHub link| 2021 | Completed in 7 days
Real-time earthquake tracker with result represented in a GUI.

- Used inheritance, polymorphism, and the Unfolding library to extend the earthquake marker to city, island, ocean markers, etc.

- Displayed a marker on the specific city where the earthquake occurred, the size and color of the marker are based on the magnitude of the earthquake.

CERTIFICATES
- IBM Python Basics for Data Science certificate (300 + hours)
- FreeCodeCamp JavaScript Algorithms and Data Structures (300 + hours)
- HarvardX Computer Science for Web Programming Professional Certificate (1000 + hours)

EDUCATION

Oregon State University | *B.Sc. in Computer Science | Corvallis, Oregon*
- Part-time study of computer science with a concentration on software engineering   2021-2024
- Learned Computer science concepts, algorithms, data structures, web developments, etc.

Coding Dojo | *Full-Stack Developer Certificate | California, United States*
- Demonstrated working proficiency with Java, Python, JavaScript as well as a wide range of   2021
  frameworks and libraries.
- Completed over 1200 hours on the implementation and iteration of various projects
- Completed building and deploying full-fledged applications in under 5 hours

The University of British Columbia | *Bachelor's Degree in Psychology* | Vancouver, Canada   2017-2021
- Relevant coursework: Math/Statistics, Computer Science, and cognitive psychology courses