Kevin Zhang

Full Stack Software Engineer | Available May 2019

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🎓 EDUCATION

University of Toronto Scarborough

2015 to present | Scarborough, Ontario

Honours Bachelor's of Science, Co-op Software Engineering Specialist
Expected graduation April 2019

💼 WORK EXPERIENCE

Junior Systems Developer @ Municipal Property Assessment Corporation

May 2017 to May 2018 | Pickering, Ontario

- Built, developed, and deployed customizable property valuation engine for multiple external clients and internal use
- Maintained, developed, updated, and deployed internal web applications using JIRA to update and complete user stories
- Worked extensively with both front-end and back-end frameworks such as Angular, Bootstrap, Spring Boot, and Sanic as well as database technologies such as PostreSQL

Teaching Assistant @ University of Toronto Scarborough

January 2019 to April 2019 | Scarborough, Ontario

- Prepared and taught tutorial lessons for CSCB20 (Introduction to Databases and Web Development) with instruction from Professor Abbas Attarwala
- Managed and presented classroom sessions to 60+ students
- Graded and assessed work ranging from quizzes, assignments, and examinations

🚀 FEATURED PROJECTS

Magic Maze
// Web-based multiplayer dungeon crawler game

- Made with React, NodeJS, GraphQL, MongoDB, and Apollo
- All players control every character but can only perform one type of action
- Supports concurrent actions between players
- Responsible for sprites, UI/UX, and frontend infrastructure

T-Hub
// Web-based search engine

- Web based search engine made with Angular, Tomcat, SQLite, and Lucene
- Platform for students and instructors to share and search for course files
- Supports file download, indexing/searching, bookmarking, and upload
- Responsible for majority of development (both frontend and backend)

Das Pokëdåx
// SQL instructional tool

- Instructional tool for teaching beginner embedded SQL based on the Pokédex encylopedia from the hit television series Pokémon
- Made with Python using Flask and SQLAlchemy
- Highlights basic SQL queries as well as joins and filtering
- Can be modified to highlight SQL injection as well as further extensions and optimizations

⚙ TECHNICAL SKILLS

Programming Languages
Python, Javascript, Typescript, HTML, CSS/SASS, Java, Groovy, C, Scheme, Haskell, Lua, SQL, Ruby, MATLAB

Libraries and Frameworks
Angular, React, Jekyll, Electron, jQuery, VueJS, NodeJS, Express, Bootstrap, Semantic, Spring Boot, Sanic, Flask, Django, GraphQL

Tools
Bash, Git, Subversion, Kubernetes, Docker, Redux, MongoDB, PostgreSQL, Apollo, JIRA, AWS, Firebase, Excel, Vim

Design
Photoshop, Illustrator, Lightroom, Premiere, After Effects, Flash, Animate, XD

Spoken Languages
English, Mandarin

✳ CERTIFICATIONS

RCM Level 10 in Practical Piano Performance

RCM History and Theory: Advanced

⭐ INTERESTS

Music, photography, teaching, travelling, hiking, cooking, graphic design, video games