Maggie Dang

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EDUCATION

University of Toronto   Sep 2017 – April 2022
- Honours Bachelor of Science
- Computer Science Specialist, Information Systems Stream, Co-op Program

WORK EXPERIENCE

Clearbridge Mobile   Jan 2019 – Dec 2019
Android Developer, Co-op
- Contributed and maintained 5+ **mobile applications** for North America's leading enterprise app developer
- Significantly improved the efficiency of a popular sports network's video streaming mobile app by refactoring a major implementation into an external **Java** library, accelerating development time by 20%
- Built a quality-of-life changing developer tool app made to accelerate testing and flow of implementation understanding for developers, improving efficiency by 75%
- Collaborated with a 4-member **AGILE Android** developer team in building and improving fitness app "ParticipACTION" for 4 months before their release
- Participated in developing a **web application** by analyzing its **React** codebase and fixing notable bugs

PROJECTS

Visual Chat Room (https://visual-chat-room.herokuapp.com/)   Mar 2022 – Apr 2022
- Cooperated with a partner to develop a unique website allowing users to use voice commands to display images and messages in a generated private weblink chat room
- Built on the **MEAN** stack (**MongoDB**, **Express, Angular**, **Node**), **Bootstrap**, and queried data with **GraphQL**
- Implemented a majority of the front-end with contribution to the back end resulting in a fully functional website deployed on **Heroku**

Web Gallery Application   Jan 2022 – Mar 2022
- Constructed an image viewing web application allowing users to login and create accounts to upload images displayed on their page and comment on other users' posts
- Created with **Express**, **Node**, NeDB, REST, AJAX, and written in **JavaScript**
- Developed both the front and back end, achieving an overall project grade of A

SportCRED Social Media Website   Sep 2020 – Dec 2020
- Designed and developed a social media platform for sports enthusiasts in a team of 6 students following specifications from the client
- Ranked as the best website out of 7+ teams and chosen to be utilized as the company's first prototype
- Built the front-end with **Angular**, **TypeScript, Material** and back-end with **Django**, **MongoDB**, **Python**
- Implemented front-end features to allow users to register, login, access admin privileges, view sport related news and user posts, create bets, and play sports trivia

SKILLS

Languages: Java, Typescript, JavaScript, Python, C, Kotlin, HTML, XML, CSS, SQL, NOSQL
Frameworks: Angular, Flask, Spring, Express, Node.js, Bootstrap, PrimeNG, MongoDB, PostgreSQL, SQLite, Neo4j
Developer Tools: Git, Jira, Firebase, Docker, AWS Amplify, Heroku, Unix, Jupyter Notebook, Visual Paradigm, Figma