

HARSH KUDDU

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EDUCATION

Honors Bachelor of Science in Computer Science, York University

Expected April 2025

Relevant Courses: Introduction to Computer Science, Advanced Objected Oriented Programming , Computer Organization, Introduction to Theory of Computing, Data Structures, and Discrete Math.

EXPERIENCE

Evertz Microsystems Ltd.

Software Developer Intern

May - Dec 2023

Burlington, ON

- Used Angular to implement and improve the user interface for company's cloud-based products which resulted in the creation of a loyal customer basis
- Leveraged reactive programming concepts and state management techniques to swiftly resolve high-priority tickets, enhancing application stability and overall user experience

PROJECTS

Chess | *MongoDB, EJS, React.js, Node.js, JavaScript, Express.js*

- Created a dynamic and engaging chess application from scratch, complete with all the necessary chess rules and functionalities
- Implemented a 'save game' feature that allows users to store their ongoing games into a MongoDB database for later retrieval

York Api | *Python, Selenium, Flask*

- Designed and developed a **RESTful API** using **Flask** to serve course, food, and general information
- Created various **endpoints** to efficiently serve course data and available food courts on campus
- Engineered an advanced web scraping solution using Selenium to collect up-to-date course and food information from York University's websites.

Blog | *JavaScript, EJS, CSS, Node.js, Express.js, MongoDB, Bootstrap*

- Developed a Blog site, that is responsible for viewing and composing blogs
- Stored blogs in MongoDB database
- Utilized EJS templating to show blogs to the client side

LoL Summoner-Scraper | *JavaScript, EJS, CSS, Node.js, Express.js, Riot API*

- Developed an application that gets a players profile stats and top 3 of the players characters in the game LoL
- Sent many **GET** requests to attain needed information and displayed them

Connecthelte | *Java, XML, Firebase, Android Studio*

- An Android app developed for **Ontario Universities** to find people that want to play the same sport.
- Created a sign up page for users that uses **OOP** to create a **USER** class and send to Firebase database

SKILLS

Languages: Java, TypeScript, Javascript, Python, C, HTML, CSS

FrameWorks/Libraries: JUnit Testing, Express.js, React.js, Angular, RxJS, Ngrx, Flask

Developer Tools: Eclipse, IntelliJ, Visual Studio Code, Android Studio, Git