

Chintan Shah

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SKILLS

Technical

- Highly proficient in Ruby and Python through first year courses and various personal projects such as Oak and SupplyMe
- Well versed in Java through high school courses, second year courses and multiple personal projects that utilized Java
- Proficient knowledge of software development processes like Agile, SCRUM and Waterfall through second year courses
- Strong background in version controls tools such as Git and SVN through personal projects and second year courses
- Familiar with SQL and NoSQL databases through personal projects such as SupplyMe and Ruby
- Self learned JavaScript, HTML and CSS from developing the personal website and SupplyMe

Interpersonal

- Adept at handling multiple tasks through experience of working on personal projects and academic courses at the same time and still maintaining good grades and frequently updating projects like Oak
- Strong ability to problem solve and manage time from hackathon and coding competition experience where projects are developed in under 36 hours
- Excellent oral communication gained through one year of work experience at McDonald's where there was daily interactions with hundreds of customers

EDUCATION

University of Toronto - Scarborough

September 2016 - Present

Candidate

- Third year, Honours Bachelor of Science
- Computer Science Specialist Co-op, Software Engineering Minor in Statistics

PERSONAL PROJECTS

Oak

github.com/uoftweb

May 2017 - Present

Currently in development

- Developed a robust **RESTful API** using the Ruby on Rails framework to help students plan their schedule with reviews of courses and professors at University of Toronto
- Followed the **test-driven development** strategy and wrote over 150 test cases using the Minitest testing tool to ensure the application worked throughout development
- Contacted fellow students to hear their issues about course planning and developed the backend with a team of five for a web application that allows students to plan their semester easily with course and professor reviews
- Built using **Ruby on Rails, MongoDB, JS, HTML** and **CSS**

BettridgeBank

github.com/chintans1

June - July 2017

Software Design Project

- Developed an intuitive **Android** banking application for banks and their clients utilizing my vast knowledge of Java to efficiently manage and store users and accounts in a **SQLite** database
- Utilized the proximity and accelerometer sensors on Android devices to log application users out when certain actions are detected for maximum security
- Implemented **Agile** software development strategies like **SCRUM** in our team of four to organize and distribute work in the most efficient manner
- Built for **Android** using **Java**, **SQLite** and **XML**

SupplyMe

github.com/chintans1/supplyme

January 2017

Created at UofTHacks IV

- Primarily worked on the backend developing an efficient web application that allowed students to lend and borrow school-related items
- Organized and managed communication between teams to improve productivity which allowed for a fully functioning web application in under 36 hours
- Tested the application with over 100 test cases to ensure it was working as required so it can be presented to the numerous judges at the hackathon
- Utilized **Flask** and wrote **SQL** queries to efficiently add and log lending and borrowed items to the database

PROFESSIONAL EXPERIENCE

Lecturer

September 2017 - Present

Computer Science Enrichment Club - Web Division

Scarborough, Ontario

- Lecturing over 30 students weekly about developing static and dynamic websites with modern frameworks that are worthy of being on their personal portfolios
- Worked closely with division members and heard their needs to develop a Content Management System to easily upload and display lecture material and announcements on the CSEC-W website
- Taught students in small groups in which they utilize the skills learnt to build small robust RESTful APIs to add to their employable skills

Crew Member

March 2015 - August 2016

McDonald's

Edmonton, Alberta

- Worked with up-to 10 employees at the same time and communicated effectively to have everyone working together to reduce our preparation times and giving customers a better and faster experience
- Maintained high standards of customer service during high-volume and fast-paced operations under minimal supervision
- Developed positive customer relationships through clear communication, friendly greetings and excellent service

OTHER

- **Participated in:** RBC NGL Hackathon (Top 10), Electric City Hacks and UofTHacks IV
- **Languages spoken:** English, Gujarati, Hindi