ROY CHOWDHURY

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EXPERIENCE

University of Alberta   Edmonton, AB
Web Developer Intern   May 2019 | Sept 2019

- Developed internal web applications with React, Node.js, and MongoDB which were delivered to over 6000 students
- Elicited requirements from clients to form application designs
- Maintained comprehensive JS unit tests, and work with QA on black-box integration tests
- Delivered mock ups, wire frames, UML diagrams, and documented use cases

PCL Construction   Edmonton, AB
Business Systems Analyst Student   Jan 2019 | Apr 2019

- Designed Power BI dashboards to showcase statistics for upper management
- Automated and streamlined workflow using Python to reduce processing time by 70%
- Presented in front of large audiences (50-80 people) to promote internal software
- Developed datasets for project management software with MSSQL and browser automation

Syncrude Canada Ltd.   Fort McMurray, AB
Summer Student   May 2017 | Sept 2017

- Worked with Oracle databases and sharepoint for data upload and retrieval
- Prepared powershell scripts to automate data cleanup

EDUCATION

University of Alberta   Edmonton, AB
BSc. Computer Science   Graduating May 2020
Relevant Coursework:
Web Architecture, Databases, Operating Systems, Algorithms, Mobile Development, UI/UX Design

PROJECTS

Capstone Project: Haptik *React Native, Redux, Django, PostgreSQL*   Sept 2019 | Dec 2019

- Led a six person team to develop a mobile application used by medical professionals for tracking important moments during a CPR simulation.
- Implemented key features such as keyword search, list integration, state management, and authentication.

Distributed Social Networking *Django, SQLite, React, CSS*   Jan 2020 | Ongoing

- A social network platform that uses Github and Twitter API's and the distributed sharing of posts and content.

HealthX *Java, ElasticSearch, J Unit*   Sept 2018 | Dec 2018

- An android application developed to assist patients with their physicians and keeps track of medical records. Utilized OOP, separation of concern, and abstraction concepts.

SKILLS

Languages:	JavaScript, Python, Java, C, CSS, HTML, SQL
Frameworks:	React/React Native (Redux), Node.js, Django, Bootstrap, Power BI, Postman
Methodologies:	Agile, Scrum, Continuous Integration, GIT