TAYLOR ABRAHAM

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WORK EXPERIENCE

SURVEYMONKEY | Full Stack Web Developer (Co-op) | Ottawa, ON   May 2020 – August 2020
- Developed React components for a newly launched product and made use of React hooks

SURVEYMONKEY | Full Stack Web Developer (Co-op) | Ottawa, ON   May 2019 – August 2019
- Reduced the time support spent on calls by 44% by redesigning the support page using React.JS
- Worked with the client to gather requirements, prioritize them, and create the technical specification

FOKO RETAIL | Full Stack Web Developer (Co-op) | Ottawa, ON   September 2018 – December 2018
- Built Loopback and MongoDB queries, and optimizing existing ones for faster product performance
- Developed Ember.JS components and wrote queries to the backend

KINAXIS | Intern Manager (Co-op) | Ottawa, ON   July 2018 – August 2018
- Managed a team of 4 developer interns to design, build, and deploy a React desk finder app for Kinaxis
- Taught agile methodology and organized weekly sprint demos as well as a final demo to the company

KINAXIS | Web Application Developer (Co-op) | Ottawa, ON   January 2018 – July 2018
- Increased code quality and maintainability by applying functional programming principles when writing AngularJS components and Jasmine unit tests
- Refactored RxJS application store to decouple the view and model, following Redux design patterns
- Translated detailed UX specifications into responsive styles using Sass and Material Design principles

TECHNOLOGIES

- **Languages**: JavaScript, Python, Java
- **Backend:** Node.JS, Express
- **Frontend**: React, Redux, AngularJS, Typescript, Sass

PROJECTS

UNCHARTED REALMS | github.com/RyanAbraham/Uncharted-Realms
- Machine learning card game made using React with a backend using Python, Flask, and Scikit Learn
- Migrating backend to have a Go application server and a rotating pool of workers for simulating games

GIDEON BOT | github.com/RyanAbraham/Gideon-Bot
- Node.JS Discord chat bot that fetches card information and schedules tournaments for card games

LEADERSHIP EXPERIENCE

- **Branch Chair** | IEEE Carleton (Led an executive committee of 15)   May 2018 – August 2018
- **Co-Chair** | CUHacking (Led an executive committee of 20 for 200+ attendees)   May 2017 – April 2018
- **Vice Chair** | IEEE Carleton Computer Society   May 2017 – April 2018
- **Organizer** | Local Hack Day (70+ attendees), Terrible Hack Day (30+ attendees)   June – December 2017

EDUCATION

Bachelor of Engineering, Software, Co-op | Carleton University   Graduating May 2021
- Cumulative GPA 3.9/4.0
- Deans' Honour List 2015-2017