Ribhav Kapur

Honours in the Bachelor of Science from the University of Toronto

Computer Science Specialist

Personal Info

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Relevant Coursework

Introduction to AI

Introduction to ML

Databases

Data Structures and Analysis

Programming on the Web

Algorithm Design, Analysis and Complexity

Operating Systems

Software Design

Theory of Computation

Computer Organisation

Software Tools and Systems Programming

Multi-variable Calculus

The Business of Software

Creative Destruction Lab: Graduate MBA

Skills

Python: Experienced

JavaScript: Experienced

HTML/CSS: Experienced

C: Experienced

Java: Comfortable

Swift: Comfortable

Experience

Jan 2019 - Jan 2020

CEO & Co-Founder
Connct
- Made pitch deck and pitched to investors every 2 weeks on average
- Secured investment offer of $100k in under 2 months
- Completed the backend of the product

Jan 2018 - Jun 2018

Software Engineer
Robotics for Space Exploration (RSX)
- *Worked on spacial awareness for the UofT mars rover*

Present

Teaching Assistant
UofT AI
- *Worked on the syllabus for an introductory AI course*

Sep 2018 - May 2019

Computer Science Learning Community
Faculty of Computer Science - UofT
- 1 of 38 to be admitted from the faculty
- Worked on various projects throughout the year

Jan 2019 - May 2019

Peer Mentor
University of Toronto
- One of the few selected students to mentor other students in the Theory of Computation class.

Education

University of Toronto
Honours in the Bachelor of Science
Computer Science Specialist with a focus in:
- Artificial Intelligence
- Web Development

Projects

Feb 2019

Security Drone
- Autonomous GPS enabled drone to replace students who escort others at night across campus.
- Image processing on server for recognition.
- Aggression detection algorithm to sense danger and alert authorities.

Jun 2018

Virtual Trainer
- AI uses a picture of you to determine body type and generates unique workout
- Working on 3d models to show exercise in VR

Dec 2017

My Website
- *Basic website made during first year to show my projects, transcript, test scores and socials*

Sep 2018

Sound Sensitive LED Strip
- Propagates light in a wave form
- Colour decided by frequency of sound
- Detects volume to adjust brightness
- Visualisation of music

Hackathons

Feb 2019
MakeHarvard top 5 for security drone mentioned above

Sep 2018
Orbis challenge top 5 for game winning AI (splix.io)