

# SUJEETHAN VIGNESWARAN

## UNIVERSITY OF WATERLOO ENVIRONMENTAL ENGINEERING

### CONTACT



sujeethanvigneswaran.com



sujeethan.vigneswaran@edu.uwaterloo.ca



(647) 390 8938



github.com/itssujee



linkedin.com/in/sujeethan-vigneswaran

### SKILLS

HANDLING ENDANGERED SPECIES

SPECIES AT RISK SURVEYS

FIELD WORK AND FIELD SURVEYS

WORKING WITH CONFIDENTIAL INFORMATION

YEARS OF INDUSTRY EXPERIENCE

ABILITY & DESIRE TO LEARN

### AWARDS

TOP 25 ENVIRONMENTALISTS UNDER 25

- AWARDED BY THE STARFISH CANADA

CANADA 150 YOUTH AWARD FOR  
ENVIRONMENTAL STEWARDSHIP

- AWARDED BY

THE HOUSE OF COMMONS OF CANADA

### SUMMARY OF QUALIFICATIONS

- Utilizes a unique environmental perspective to produce creative and innovative solutions to complex problems through the application of technology.
- **4+ Years of Experience in Environmental Technician Work**
- Conducted **Industry Standard Field Work and Surveys**
- Worked with **Species at Risk**, particularly Herptiles
- Conducted **Large Scale Environmental Restoration Projects** in the Rouge National Urban Park in Toronto
- **Years of Experience Planting Native Species and Removing Invasive Species** of plants in the Rouge Park
- Organized several **community outreach programs** to educate the public on the Rouge National Park
- Dedicated to self-improvement and motivated to learn and adapt

### RELEVANT EXPERIENCE

#### NATURE RESERVES TECHNICIAN & YOUTH COUNCIL ALUMNI

##### ONTARIO NATURE | 2015 - 2018

- Traveled to Pelee Island to do **Species at Risk (SAR) Surveys**
- Conducted **Community Outreach Events** at Reilly Bird Nature Reserve in Deep River Ontario
- **Maintained the trails** on the Nature Reserves Owned by Ontario Nature
- Conducted Field Surveys: **Ecological Land Classification & Vegetation Species Surveys** throughout Ontario using Industry & Research Standard Procedures
- Utilized Programming knowledge to Develop a **Nature Reserves Database Web Application**
- Developed a web tool that will be used on a **Provincial scale**

#### BOARD OF DIRECTORS & CONSERVATION TECHNICIAN

##### FRIENDS OF THE ROUGE WATERSHED | 2014 - 2018

- Directs **Growth and Development** of Organization
- Organized and designed the launch of the **Website Rebrand** using **Graphic Design** and **Web Development** knowledge
- Directed the social media and marketing strategy
- Conducted and **Analyzed Stream Monitoring Data**
- Improved the Ecological health of the Rouge National Park through **organizing large scale ecological restoration projects**
- Endorsed the creation of the **Rouge National Park**, and pushed for **Ecological Integrity in the Management Plan**

### PROJECTS

#### PROJECT: SWIFT CHECK

##### HACK THE NORTH | SEPTEMBER 2018

Team Leader: Full Stack Development, Machine Learning Lead

- Successfully completed project within **36-hour timespan**
- Coordinated and assigned roles to team members
- Overhauled the development of the **Front End** and **Machine Learning** aspects
- Taught and coached team members fundamentals in **Angular.js** and **Machine Learning**