# Karan Narula

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#### Education

2017 TO 2021

#### **Computer Science / University of Washington, Seattle**

Current or completed courses:

- CSE 143: Object-oriented programming basic data structures in Java
- CSE 311: Foundations of Computing logic, set theory, induction, modular arithmetic
- CSE 332: Data Structures and Parallelism
- CSE 341: Programming Languages basic Racket, Haskell, Prolog, and Ruby
- CSE 351: Hardware/Software Interface memory allocation, x86-64 assembly, caches and virtual memory

## **Experience**

**SUMMER 2016** 

## Software Development Intern / Sensoria Fitness, Redmond, WA

Server-side data manipulation in SQL and Python.

Windows app development in C# to test wearable hardware marketed to runners.

Contributor at Microsoft partnered hackathon (golf related) and on Renault data visualization (racing related).

2014 TO 2017

## President/ TEDxYouth@Redmond Conference, Redmond, WA

Managed a team of 12. Organized conferences for 300-500 attendees.

Garnered sponsorship from local businesses, managed organization finances, and spoke at promotional events.

#### Skills

- Object oriented programming
  - o Java
  - o C#
- Public speaking
- Project management

#### **Projects**

#### **Code Carbon** (Group)

- Educational video game about global warming
- First place at Alaska Airlines Imagine Tomorrow 2016 (Biofuels Behavior)

#### PoliTrack (Individual)

- Android app about Congressional members
- Pulled from free ProPublica API Hosted on Google Play Store

## **Activities**

- Hackathons CodeDay, DubHacks
- Vex Robotics (High School)
- TSA WA State Winner Group Video Game Design

## **Scholarships**

Balanced Man Scholarship (Sept 2017) Leaders Save Lives (June 2017)