Karan Narula

University of Washington
Computer Science
3.65 GPA

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Education

2017 TO 2020
Computer Science / University of Washington, Seattle

Scholarships – Leaders Save Lives (2017), Balanced Man Scholarship (2017)

Major current or completed courses:

- CSE 311/312: Foundations of Computing – logic, induction, probability, statistics, P/NP/NP-Complete
- CSE 332: Data Structures and Parallelism
- CSE 341: Programming Languages – Racket, Haskell, Prolog, and Ruby
- CSE 351: Hardware/Software Interface – memory allocation, x86-64 assembly, caches and virtual memory
- CSE 446: Probabilistic Machine Learning

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).

2017 TO PRESENT
Swim Instructor and Concierge / PRO Sports Club, Bellevue, WA

Lifeguard, CPR, and First Aid certified through the American Red Cross. Teaching children, ages 2 to 13, the four legal strokes of competitive swimming. Manage client requests and aided lesson scheduling for the club.

2014 To 2017
President/ TEDxYouth@Redmond Conference, Redmond, WA

Managed a team of 12 students to organize annual conferences for 300-500 under the umbrella of the TED nonprofit. Raised over $6,000 annually in sponsorship, managed finances, and spoke at promotional events.

4K for Cancer, 2018

Summer 2018

Ran relay style across the country for 7 weeks to support cancer programs through the **Ulman Cancer Fund for Young Adults**.

On a team of 24, we each **ran 60-70 miles per week**, traveling from San Francisco to Boston (June 17-Aug 4). Prior to the run, I **raised over $5,600** and hosted a bone marrow drive at my campus.

Skills

- Object oriented languages
  - Java, C#, Ruby
- Other languages (functional/logical/RDB)
  - Racket, Haskell, Prolog, SQL
- Public speaking and project management

Projects

Code Carbon (Group)
- **C# and Unity**
- Educational video game designed to teach children about global warming and benefits of renewable energy
- First place at Alaska Airlines Imagine Tomorrow 2016 (Biofuels Behavior)

PoliTrack (Individual)
- **Java and Android Studio**
- Android app constructing a profile view for current Congressional members, their voting history, and committee involvement
- Pulling information from ProPublica REST API