



Contact

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Skills

Programming Languages

Java - Python - Ruby - C++ - Hack

Other

SQL - Git - UNIX - Sorbet

Public Speaking and Management

Organized annual TEDxRedmond conference for 300-500 attendees. Managed all finances, spoke at promotional events, and raised over \$6,000 each year.

Courses

Probabilistic Machine Learning
Data Structures
Systems Programming
Networks
Databases
Cyber Security

Volunteerism

4K for Cancer

Ran across the United States for 7 weeks in partnership with the Ulman Foundation

Raised over \$5,600 for the Ulman foundation.

On a team of 24, we each ran 60+ miles per week, traveling from San Francisco to Boston.

KARAN NARULA

Education

University of Washington B.S. in Computer Science (2017 - 2020)

- 3.74 GPA, Dean's List, Graduated in 3 years
- Leaders Save Lives scholarship (2017)
- Balanced Man Scholarship (2018)
- Husky Swimming, Husky Run Club, ACM

Tesla STEM High 2013 - 2017

- 4.0 GPA - 35/36 ACT - 1550/1600 SAT
- National Merit Commendation
- Commencement speaker

Work Experience

Facebook - Summer 2020

Software Engineering Intern on the Content Understanding Team

- Working within the Ads org to better understand user-generated content and whether it is eligible for monetization. Using ML to improve existing automated video and article classification systems
- End goal is to reduce the volume of content sent to human reviewers and create a more brand-safe environment on the platform for advertisers

Stripe - Summer 2019

Software Engineering Intern on the Alternate Payment Methods Team

- Streamlined the refund pipeline to cut refund issuing latency by over 98%, resulting in end-consumers receiving their refunds in ~15 seconds rather than over 15 minutes. This eliminated customer complaints related to delayed refunds, leading to a marked improvement in customer experience.
- Migrated the pipeline from a batching to event-driven system, utilizing Kafka producers and consumers
- Also wrote internal tool with GUI for accounting staff to visually track money records, making the cash reconciliation and auditing process accessible for non-technical users
- Offered a return internship position

Sensoria Fitness - Summer 2016

Software Development Intern

- Sole intern at the company during high school
- Wrote server-side image processing jobs for all website and app assets stored on Azure
- Created automated test suites for our wearable device APIs using Python and C#
- Offered a part-time developer position with the company

Projects

Secyore - Group

Python

- Created a security camera + alert system for our Networking final project
- Used OpenCV library for computer vision to detect intruders on a live video feed. Alerted the user to suspicious motion using the Twilio API
- User is able to log onto the system and view the live video feed on a client program

Code Carbon - Group

C# and Unity

- Developed educational video game teaching children about the benefits of renewable energy using historic carbon emissions models and real population growth curves
- Won 1st place in division at Alaska Airlines Imagine Tomorrow competition (2016)