

Nilay Sadavarte

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Education

University of Massachusetts, Amherst

Aug 2017 – May 2021

BACHELOR OF SCIENCE IN COMPUTER SCIENCE & STATISTICS

- GPA: 3.5 | Commonwealth Honors College | Chancellor's Scholarship | Dean's List
- Related Coursework: *Software Engineering & Design, Database Systems, Algorithms, Computer Systems Programming, Discrete Math & Computation, Math Modeling, Functional Programming, Statistics, Calculus, Data Structures & Algorithms*

Experience

Uber

San Francisco, CA

SOFTWARE ENGINEERING FELLOW

Apr 2019 – Present

- Part of Uber's Career Prep Program, accepted as one of 30 fellows selected from a pool of over 800 applicants based on leadership potential, technical skills, and personal achievement
- Completed regular assignments and attended frequent workshops taught by Uber engineers at their HQ.

BUILD UMass

Amherst, MA

CO-FOUNDER & PRESIDENT

Sept 2018 – Present

- Started the organization with a focus on pro-bono software & web development for non-profits and small businesses to impact lives with technology. Grew it to over 26 members in the first year, collaborated with the university to get funds.
- Worked with a team of 5 to build an HR management system which helps people with limited skills and education get promotions & better jobs. Supported 3 teams with product specs, system design, user testing, and code reviews.
- Led technical workshops about web development and software engineering for over 200 students at various hackathons. Organized several career & personal development events for the members and held programming contests.

UMass Residential Life

Amherst, MA

RESIDENT ASSISTANT

Aug 2018 – Present

- Managed a floor of 95 first-year students at Van Meter Hall and helped them with their transition to college.
- Worked on community development, student learning initiatives, and incident response. Designed awareness posters and acted as a social and academic role-model.

Greeno Sub Shop

Amherst, MA

CO-MANAGER

Sept 2017 – Present

- Designed the website to look more modern, mobile-optimized, and be user-friendly. Added Google analytics plugins to track user behavior and get visitor data from the website.
- Prepared mathematical models to track and predict sales and wrote scripts to automate the payroll.
- Worked on the logistics team and coordinated opening and closing dates along with security access and timings.

Skills

Languages: Java, JavaScript, C, Python, Node.js, HTML/CSS, React, TypeScript, R, SQL, Swift

Development: GitHub, Git, LaTeX, FileZilla, Google Cloud, JUnit Testing, Agile, Scrum

Projects

HR Bot

- Designed a slackbot using Node.js to keep track of brownie points a member may receive each week. Uses basic Natural Language Processing techniques to parse user messages and award points respectively. Deployed on Google Cloud.

Work Force Development

- Worked with a team to build a HR management web application for UMass Auxiliary Services with a staff of over 2000 workers. Used HTML, CSS, JavaScript to design and build the front-end and used Google Cloud for back-end services.
- The platform implements a scoring algorithm which rates applicants based on their skills and compares them to others.