Nilay Sadavarte

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Education

University of Massachusetts, Amherst   Aug 2017 – Dec 2020

BACHELOR OF SCIENCE IN COMPUTER SCIENCE & MINOR IN MATHEMATICS

- 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

Facebook   Menlo Park, CA

SOFTWARE ENGINEERING INTERN

- Incoming summer 2020.

Uber   San Francisco, CA

SOFTWARE ENGINEERING FELLOW   *Apr 2019 – Present*

- Part of Uber's Career Prep (Hidden Genius) Program, accepted as one of 30 fellows selected from a pool of over 800 applicants based on leadership potential, technical skills, and personal achievement. Attended regular workshops taught by Uber engineers at various offices and worked on projects with the backend, ATG, and payments teams.

Learning Resource Center   Amherst, MA

TECH LEAD   *Sept 2019 – Present*

- Working as the lead developer to maintain, debug and refactor legacy code for the proprietary Tutoring Scheduling Platform for a staff of over 400 which is used by over 4000 students per week. Refactored multiple PHP components to Node.js
- Redesigned the website to be more responsive on mobile devices and perform better with slower internet connections.
- Removed redundancies from the MySQL database and tuned it for 30% faster query speeds.

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. Facilatated floor meetings and roommate conflics.

Greeno Sub Shop   Amherst, MA

CO-MANAGER   *Sept 2017 – Aug 2019*

- Wrote Python scripts to automate payroll processes. Prepared mathematical models to better track and predict sales.
- Redesigned the website to be more user-friendly, used google analytics to track user flow and improve design.
- Worked on the logistics team and coordinated dates and schedules along with security access and timings.

Skills

Languages: Java, JavaScript, C, Python, Node.js, SQL, HTML/CSS, React.js,
Development: Git, LaTeX, FileZilla, Google Cloud, MongoDB, Agile, Scrum

Extracurriculars

BUILD UMass   Amherst, MA

CO-FOUNDER & PRESIDENT   *Sept 2018 – Present*

- Started the organization with a focus on software engineering and web development for non-profits and small businesses and grew it to over 40 members in 3 semesters, collaborated with the university and student government to get funds.
- Led a team of 4 software developers to build an HR management system. Currently supporting 5 teams with product management, client meetings, execution strategies, and code reviews with for web and mobile applications.

UMass Association for Computer Machinery   Amherst, MA

MEMBER   *Sept 2017 – Present*