

Nilay Sadavarte

Contact Information	Phone: (413) 461-6925 Email: nilay18sadavarte@gmail.com	LinkedIn: www.linkedin.com/in/nsadavarte GitHub: www.github.com/nilay1808
Education	University of Massachusetts, Amherst <i>Bachelor of Science in Computer Science; Minor: Mathematics</i> <ul style="list-style-type: none">• GPA 3.5; Dean's List; Commonwealth Honors College;• Chancellor's Scholarship; Outstanding Leadership Award (2018, 2019)• Relevant Coursework: <i>Software Engineering & Design, Database Systems, Algorithms, Systems Programming, Discrete Math & Computation, Math Modeling, Functional Programming, Statistics, Calculus, Data Structures</i>	Aug 2017 – Dec 2020
Professional Experience	Facebook <i>Software Engineering Intern</i> <ul style="list-style-type: none">• Incoming summer 2020. Uber <i>Software Engineering Fellow</i> <ul style="list-style-type: none">• 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. University of Massachusetts, Amherst <i>Tech Lead</i> <ul style="list-style-type: none">• 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.• Redesigned the website to be mobile-friendly and perform better with slower internet speeds. Removed redundancies from the SQL database and tuned it for 30% faster query speeds. <i>Resident Assistant</i> <ul style="list-style-type: none">• Managed a floor of 95 first-year students 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. Facilitated floor meetings and roommate conflicts.	Menlo Park, CA May 2020 – Aug 2020 San Francisco, CA April 2019 – Dec 2019 Amherst, MA Sept 2019 – Present Amherst, MA Aug 2018 – Present
Activities	BUILD UMass <i>Co-founder & President</i> <ul style="list-style-type: none">• 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.• Currently supporting 5 teams with product management, execution strategies, and code reviews.• Led technical workshops for over 200 students at various hackathons and organized several events. UMass Center for Student Business <i>Co-Manager</i> <ul style="list-style-type: none">• Wrote Python scripts to automate and monitor payroll processes and sales.• Redesigned the website to be user-friendly, used analytics to track user flow and improve design.• Worked on the logistics team and coordinated dates and schedules along with security access.	Amherst, MA Sept 2018 – Present Amherst, MA Sept 2017 – Aug 2019
Projects	Survey Master Worked in a scrum team of 8 to build an end-to-end survey platform where people can create, take, and analyze surveys. Used React.js for the frontend and Python (Flask) for the backend API. HR Bot Designed a slackbot using Node.js and Slackbots API to keep track of brownie points a member may receive. Uses basic NLP techniques to parse user messages and keep track of points for each member.	Fall 2019 Spring 2019
Skills	Programming: Java, Python, JavaScript, C, Node.js, React.js, SQL, PHP, HTML, CSS, \LaTeX Development: Git, FileZilla, Google Cloud, MongoDB, Heroku, Agile, Scrum Languages: English, Hindi, Marathi, German	