

# Nilay Amit Sadavarte

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<b>Education</b>	<b>University of Massachusetts, Amherst</b> <i>Bachelor of Science in Computer Science; Minor: Mathematics</i> • GPA 3.5; Dean's List; Commonwealth Honors College; • Chancellor's Scholarship; Outstanding Leadership Award (2018, 2019)	Amherst, MA Aug 2017 – Dec 2020
<b>Professional Experience</b>	<b>Facebook</b> <i>Software Engineering Intern</i> • Incoming summer 2020.	Menlo Park, CA May 2020 – Aug 2020
	<b>University of Massachusetts, Amherst</b> <i>Tech Lead</i> • 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 more responsive on mobile devices and perform better with slower internet connections and removed redundancies from the SQL database and tuned it for 30% faster query speeds.	Amherst, MA Sept 2019 – Present
	<b>Uber</b> <i>Software Engineering Fellow</i> • 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.	San Francisco, CA April 2019 – Dec 2019
	<b>University of Massachusetts, Amherst</b> <i>Resident Assistant</i> • 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.	Amherst, MA Aug 2018 – Present
<b>Activities</b>	<b>BUILD UMass</b> <i>Co-founder &amp; President</i> • 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.	Amherst, MA Sept 2018 – Present
	<b>UMass Center for Student Business</b> <i>Co-Manager</i> • 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 2017 – Aug 2019
<b>Projects</b>	<b>Survey Master</b> 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.	Dec 2019
	<b>HR Bot</b> Designed a slackbot using Node.js to keep track of brownie points a member may receive each week. Uses basic NLP techniques to parse user messages and keeps track of points each member receives.	Mar 2019
<b>Skills</b>	<b>Programming:</b> Java, Python, JavaScript, C, Node.js, React.js, SQL, PHP, HTML, CSS, $\text{\LaTeX}$ <b>Development:</b> Git, Latex, FileZilla, Google Cloud, MongoDB, Heroku, Agile, Scrum <b>Languages:</b> English, Hindi, Marathi, German	