

Berkeley MEng

CAPSTONE PROJECT PREVIEW 2019-20

CAPSTONE PROJECT SUMMARY

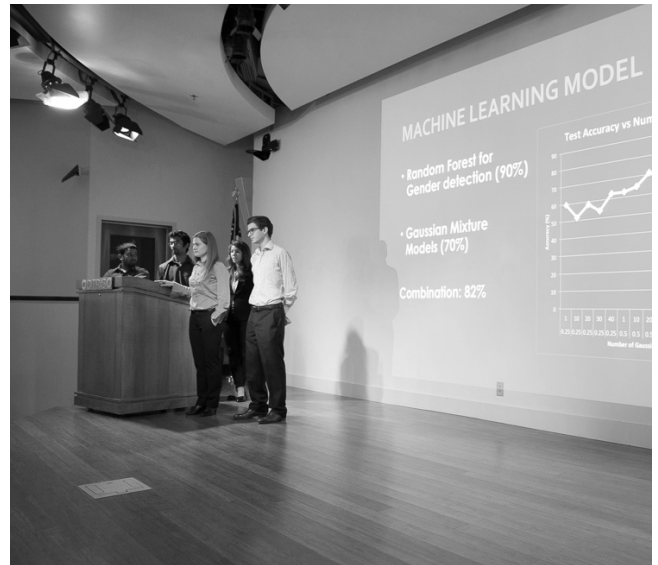
The 9-month capstone experience will challenge you to integrate your technical and leadership skills to innovate in a dynamic, results-driven environment. Working on a team of 3 to 6 students over the course of the fall and spring semesters (5 units) you will engineer solutions using cutting edge technology and methods to address crucial industry, market or societal needs.

Berkeley faculty, academic, and industry partners propose capstone projects and serve as technical advisors for the project teams. Students apply for their top three projects during Capstone Info Fair & Marketplace in August.*

*Please note that the process differs for EECS & FinTech

CAPSTONE CURRICULUM INTEGRATION

Capstone projects form the core of a highly integrated curriculum. Engineering Leadership (E270 series) courses provide skills necessary to engage specific industry, social, and/or economic contexts and formulate R&D, finance, and/or marketing strategy. Communications (E295) workshops support students as they reach out to a variety of stakeholders crucial to their project's success. Teaming and Project Management (E270C & E270K) instructors support teams as they develop their teaming & project management skills.



CAPSTONE DELIVERABLES

Each capstone team has three sets of deliverables. Project-specific or technical deliverables are determined in consultation with the capstone advising team and vary based on the project. In the past, these included: product prototypes, algorithms, conceptual designs, software code, and proof-of-concept. Reporting deliverables are shared by the MEng cohort; these include the final report, capstone showcase, and promotional materials. Teaming & project management deliverables are also shared by the MEng cohort; these include a team charter, a project plan, project & team health assessments, etc.

2019-20 CAPSTONE PROJECTS: PARTIAL PREVIEW

We have started soliciting Capstone Project proposals from faculty and industry for the next year. A preview of what is being proposed for next year are posted on the new admit website. A complete list with project details will be released to incoming students over the summer. All project ideas are currently tentative and are not guaranteed offered for fall 2019.