FACULTY
FORUM 2024
InnovateEDU:
Exploring the Future
of Learning at BU

BU Digital Learning & Innovation

CHARTING NEW HORIZONS: THE MAST PROGRAM'S IMPACT ON EXPERIENTIAL LEARNING IN SOFTWARE ENGINEERING

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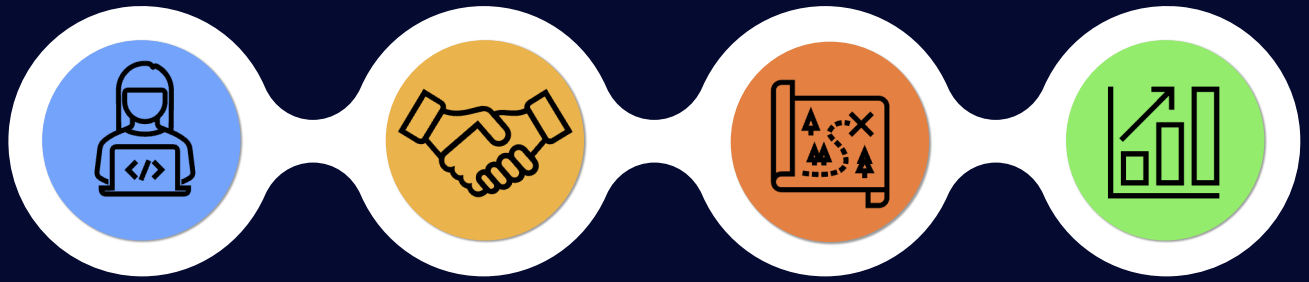
BE INSPIRED BY NEW IDEAS.

OVERVIEW: MICROSERVICES AND SOFTWARE TOOLS (MAST) PROGRAM

"…students will have opportunities to learn and apply industry-leading software development practices to build open-source microservices and software tools and integrate them into a host of applications that are already under development at SAIL."



Students working on real-world projects

Professional mentorship by technical staff

Helping students accomplish personal goals

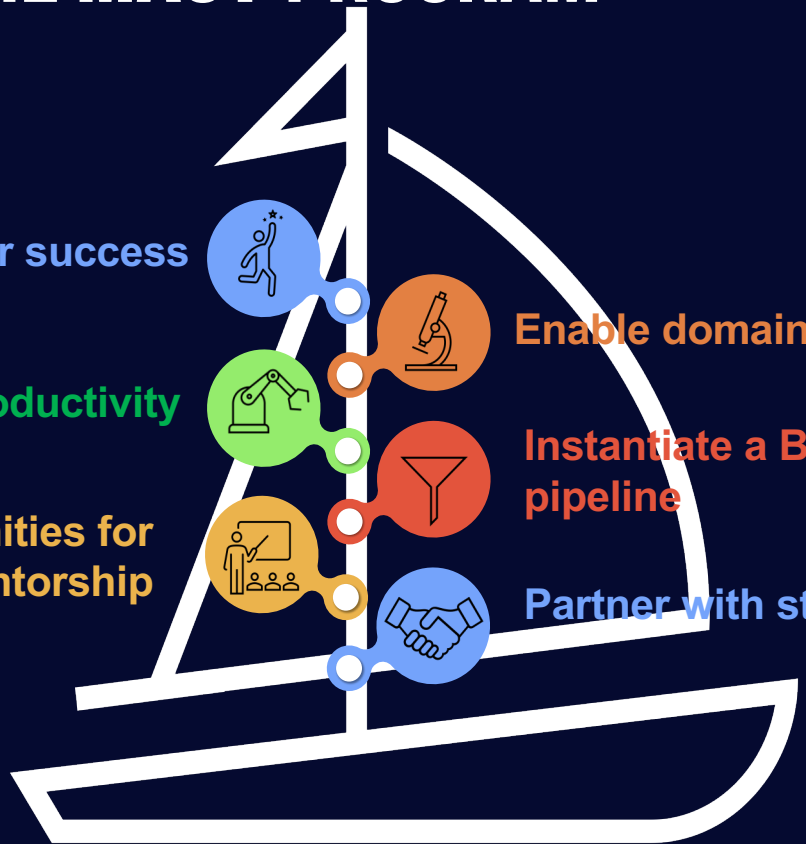
Measuring the impact to student development

BENEFITS OF THE MAST PROGRAM

Prepare students for career success

Enhance organization productivity

Increase opportunities for mentorship



Enable domain-research at BU

Instantiate a BU-specific recruitment pipeline

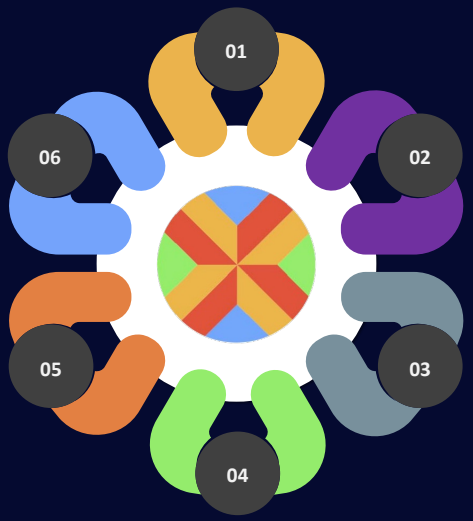
Partner with student-centric orgs

MEASURING STUDENT IMPACT: WHAT WE MEASURE AND HOW

Interests and Opportunity

Technical Skills

Work Environment

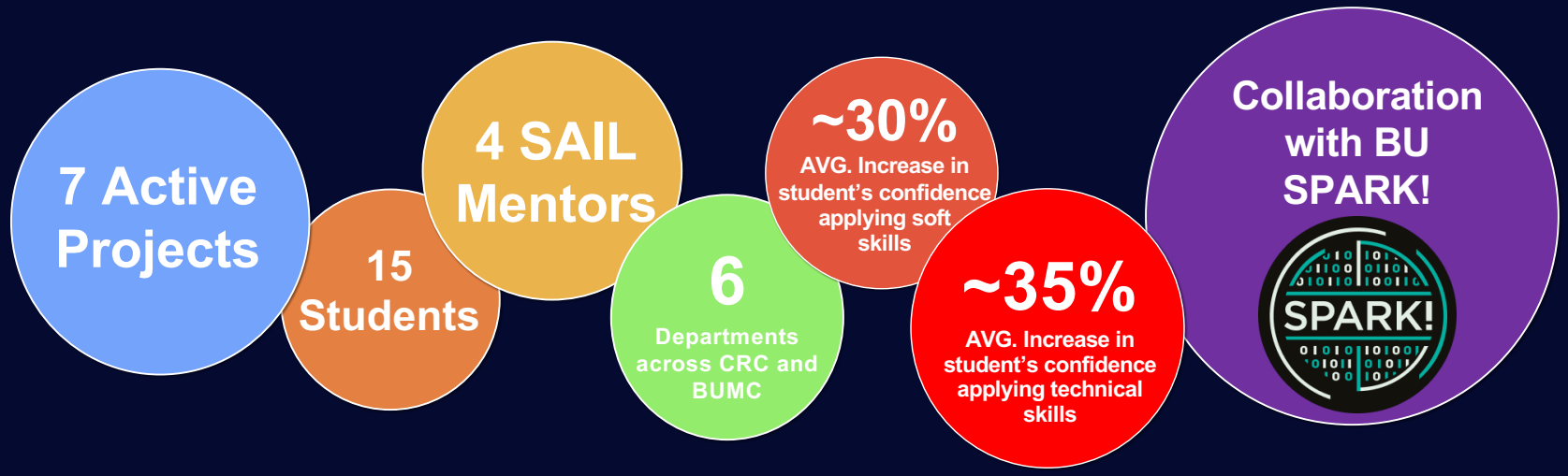


Soft Skills

Interpersonal Skills

Engagement with SAIL

Measurement Methods:

1. Mixed Methods Survey (qual and quant)
2. Pre and Post-Project Reflection Questions
3. Cadenced check-ins with SAIL staff for qualitative feedback

RECAP: THE MAST PROGRAM YEAR 1