

Request for Technology Fee Funds: FY21

NOTE: A separate request should be made for each initiative.

I. Department Number/Department Name:

360	College of Computing
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Title of Request (please be brief):

Microsoft Surface Hub 2 Interactive Whiteboards

Amount of Request (formula from detailed budget below):

\$48,100

Type of Proposal: Atlanta or Dist Lrng/Non-Atl

Atlanta

Is this request similar to one funded in FY19 or FY20?

No	(Yes or No)
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Are there installation/renovation costs associated with this request?

No	(Yes or No)
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If "Yes" then indicate the source of approved funding:

(Note: Tech Fees are not allowed for installation/renovation)

Executive Summary of Request (100 words or less):

We propose the acquisition of a set of Microsoft Surface Hub 2 interactive displays to pioneer new methods of data visualization and analytics. The displays can be grouped and networked, bringing powerful, effective visualization to present data in decisive ways.

Specific class and/or lab initiative(s) if applicable:

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Contact person for this request (incl. phone #):

Will Powell (4-9301)

Responsible faculty for this request (incl. phone #)

Srinivas Aluru (5-1486), Polo Chau (5-7682), Will Powell
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Indicate priority per department if applicable:

Number	_____	of	_____
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Indicate priority per college or unit:

Number	9	of	9
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II. Impact on Students - Provide course title, course number, and anticipated enrollments:

Titles/Numbers of Course(s)

CSE 6040, 6141, 6240, 6242, 6250, 6740
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Anticipated Enrollments

Graduate:	1,570	(per yr _____)	sem or yr _____
Undergraduate:		(per _____)	sem or yr _____
Total:	1,570		

The estimated percent use of the resources in the item by:

Students	90%
Faculty	10%
Other	0%
Total:	100%

Brief explanation of how estimate was achieved.

These displays will be used by students in their studies in CSE

NOTE: Other impacts on students should be described in narrative to include benefits to the students affected.

III. Detailed Budget - Requested Items by Category List separately any equipment, software, and other allowable expenses (see Tech Fee Guidelines). There is a formula in the "total column" that multiplies the number of items times the unit price. You may enter a figure into the total column if the unit pricing is not applicable. If you need additional rows, contact the Budget Office to receive a modified form. Software or data license proposals should indicate how many years the item has been funded through student tech fees in narrative.

Supporting documentation is required- Include price justification in some form, such as quotations, published price lists, etc. as a separate PDF attachment. All supporting information should be in a single PDF.

Proposed Number of Items	Estimated Price per Unit	Total (\$)
Microsoft Surface Hub 2S	4	\$9,000
APC Charge Mobile Battery	4	\$1,450
Steelcase Roam Mobile Stand	4	\$1,450
Shipping & Handling	1	\$500
		\$0
Total (linked to the total amount of request line above)		\$48,100

Please return form via e-mail in Excel format to: techfees@business.gatech.edu. Supporting information only in a PDF file.

IV. Narrative - Provide narrative justification for your intended use of the technology fee funds. Include narrative on how the education or research of the students will be enhanced. To include curricular, co-curricular, and extracurricular benefits expected to accrue to students through provision of this resource, including students outside the unit. Briefly state how information regarding similar technology use elsewhere on campus to benefit from lessons learned, to standardize, or differentiate, and to avoid duplication. Also include how the request aligns with the Strategic Plan of Georgia Tech.

Our students studying data science endeavor to stay ahead of new technologies and methods to help visualize, understand, and use insight gained by analytics. Presenting data in an effective, powerful way to induce decisive action continues to be a challenge. The Microsoft Surface Hub 2 technology brings an opportunity to showcase data and visualization in interesting and exciting ways.

Microsoft Surface Hub 2 monitors are large, interactive, mobile, and linked so that something displayed on one can be continued or moved to an adjacent monitor. When Microsoft announced the technology, they demonstrated a set of four monitors sharing visualizations from one-to-the-next.

We believe making this technology available to our students will lead to new techniques for data visualization and provide an opportunity for advanced instruction complementing our data science curriculum.

