

Request for Technology Fee Funds: FY20

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):

Peer Review Software for OMSCS

Amount of Request (formula from detailed budget below):

\$118,000

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

Dist Lrng/Non-Atl

Was this project request funded in FY19?

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)

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Executive Summary of Request (100 words or less):

Peer reviews are an incredibly useful tool to gauge student engagement, and has been used to great success already within the Online Masters of Science in Computer Science program. We propose to replace the existing Udacity peer review tool with a separate, more robust tool.

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

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

David Joyner

Responsible faculty for this request (incl. phone #)

David Joyner (404) 429-2380

Indicate priority per department if applicable:

Number of

Indicate priority per college or unit:

Number 2 of 5

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

Titles/Numbers of Course(s)

OMSCS Enrollment

Anticipated Enrollments

Graduate:	8,656	(per	sem) sem or yr
Undergraduate:		(per) sem or yr
Total:	8,656			

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

Students	75%
Faculty	25%
Other	
Total:	100%

Brief explanation of how estimate was achieved.

Majority of use will be the students writing feedback.
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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 (\$)
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Peer Feedback Enterprise	1	\$118,000	\$118,000
			\$0
			\$0
			\$0
			\$0

Total (linked to the total amount of request line above) \$118,000

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.

Peer Feedback is a tool used by the OMSCS program to facilitate peer-to-peer review. In use since Fall 2014 in several classes, over 323,000 peer reviews have been generated by over 11,000 students. Peer Feedback integrates with Canvas automatically port in rosters and assignments as submitted.

Peer Feedback supplies several features that are not found in other peer review tools, including:

- Custom rubrics
- Automated grading and feedback of peer review content
- The ability for students to request additional peer review tasks
- Dedicated discussion threads following each peer reviewed assignment among all reviewers

Peer Feedback also operates as a grading workflow for classes that choose to use that component. Unlike Canvas's native SpeedGrader (which explicitly says it should only be used by one grader at a time, making it unusable for large online classes), Peer Feedback's grading workflow is explicitly designed for large classes with multiple graders.

