CS Identity Development Interview Project

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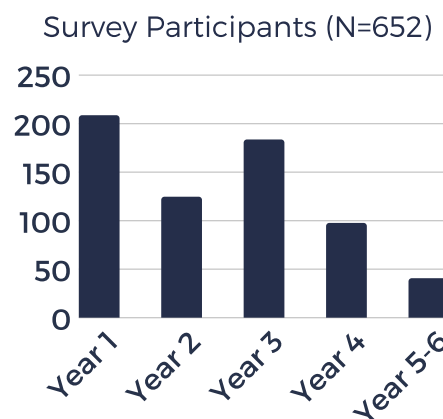
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PROJECT SUMMARY

The goal of this project is to understand the development of computing professional identity in undergraduate CS students by identifying the ways they get involved in CS Communities of Practice (CoPs), the amount of time they dedicate to these activities, the roles different CoPs play in shaping a student's professional computing identity, as well as the resources or skill sets these CoPs provide students to become technically competent for the job market.

EXPECTED PROJECT OUTCOMES

1. Profiles of successful students highlighting
   a. computing CoPs and valuable activities
   b. student recommended resources
   c. industry experiences
   d. sample resumes
   e. strategies for successfully juggling professional development activities with coursework

2. Report of findings and faculty recommendations for supporting students inside and outside of classroom

PROJECT STATUS

1. Multi-institutional study across University of Florida, Georgia Institute of Technology, and Rose-Hulman Institute of Technology.

2. 650+ students participated in a survey in Spring 2019 and students are being purposefully sampled for semi-structured interviews.

3. 12 interviews have been completed so far.

4. Survey data analysis will be submitted to SIGCSE 2020.

Survey Participants (N=652)

650+
CS Students responded to our survey across three universities in the US

#12
Interviews conducted so far across three universities in the US

24
Interviews to be conducted before the end of the project