

Accessible Computer Science Programs



Presenters

Sebastian Brown (He/Him/His) - Admission Counselor
- University of Redlands

Diana Martinez (She/Her/Hers) - Assistant Director of
Admissions - Mills College

Olivia Villarreal (She/Her) - Recruitment and Retention
Specialist- University of the Pacific



Presentation Overview

Institutional Comparisons

- ★ Class Sizes
- ★ Student-Faculty Connections
- ★ Hands-On Experiences
- ★ Research, Internship and Study Abroad Opportunities
- ★ Academic Support, Double Majoring
- ★ Pathways To Graduate Programs
- ★ Graduation and Job Placement (Return On Investment - ROI)



Why CS at a Liberal Arts Institution?

Small Class Sizes

- ★ More support, collaborative learning environment
- ★ More participation opportunities
- ★ = Deeper, richer knowledge and skills acquisition

Student-Faculty Connections

- ★ Faculty-taught lessons
- ★ Faculty are more accessible (in and outside of class)
- ★ Professor knows each student's name, strengths, weaknesses, goals.
- ★ Student-faculty collaborations on research projects.
- ★ Internship and job connections.
- ★ = Deeper impact on each student's short and long-term success



Career Outcomes

- ★ Tech industry is a lucrative career field
- ★ Computer Science background is desired in most careers
- ★ Support from Computer Science staff in job search
- ★ Negotiation Advice
- ★ Paid opportunities on campus



Computer Science At Redlands

- ★ Combination with 3-2 Engineering program
- ★ Interdisciplinary and innovative capstone projects
- ★ Relationship with ESRI and Spatial Data Analysis
 - Minor in Spatial Studies → MS GIS pathway
- ★ Proximity to San Diego, Los Angeles, and Orange County



Computer Science At UOP

- ★ All Program Accredited by ABET
- ★ Cooperative Education (CO-OP)
CO-OP's are experiential internship programs that are six- to seven month-long working opportunities for students to gain hands-on engineering and computer science experience. Students earn an average of \$3,700/month during their CO-OP
- ★ Master of Science in Computer Science



Computer Science At Mills

- ★ Gender Equity in the Tech Field
- ★ Proximity to Silicon Valley
- ★ Partnerships with Tech Companies
- ★ Tech Intersections Conference on Mills Campus
- ★ Accelerated Masters Program in Interdisciplinary Computer Science



Talking about CS to your students

University of Redlands

<https://www.redlands.edu/study/schools-and-centers/college-of-arts-and-sciences/undergraduate-studies/computer-science/>

Mills College

<https://www.mills.edu/academics/undergraduate-programs/majors-minors/computer-science/index.php>

University of the Pacific

<https://engineering.pacific.edu/engineering/academics/computer-science>



Stay Connected

Sebastian Brown - University of Redlands

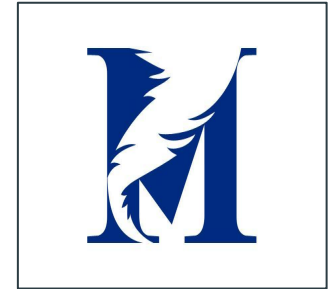
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Questions?

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— AND —
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