



OPPORTUNITIES IN COMPUTING

BY ACM-W AT UNIVERSITY OF CENTRAL FLORIDA



RESEARCH EXPERIENCE FOR UNDERGRADUATES



- Summer to research at another university!
- Fully-funded. Stipend ranges from \$4000 to \$6000
- Free housing at host university
- Often included are preparation for grad school like GRE prep
- Great opportunity to build up resume for future academic (grad school) or private sector opportunities

RESEARCH YOUR RESEARCH PROJECTS!

- All programs funded by NSF:
 - https://www.nsf.gov/crssprgm/reu/reu_search.jsp
- Specific to computing:
 - https://www.nsf.gov/crssprgm/reu/list_result.jsp?unitid=5049

APPLICATION

- Application process:
 - You apply to all the programs that you're interested in. Each program is university specific so you'll be sending in however many applications for different programs
 - Each program typically requires 1-2 reference letters, resume, grade transcript, and personal statement detailing which project you're interested in, what your academic and professional goals are, etc.
 - **Deadlines vary per program, but the majority (90%) of these deadlines are between February 15 - March 15. START APPLYING NOW!!!**

TIRED OF
WRITING
APPLICATIONS?
LOOK OUT
FOR THESE
PROGRAMS!



HARVARD
UNIVERSITY



PRINCETON
UNIVERSITY



Yale University



Massachusetts
Institute of
Technology



Penn
UNIVERSITY of PENNSYLVANIA



BROWN



COLUMBIA UNIVERSITY
IN THE CITY OF NEW YORK



Stanford University



Cornell University



Duke
UNIVERSITY



Dartmouth

ONE APPLICATION => MULTIPLE UNIVERSITIES

- Summer Research Opportunities Program (SROP)
 - <http://www.btaa.org/resources-for/students/srop/introduction>
 - With one application, you're applying to 10 universities' research programs
 - One transcript, two recommendations, personal statements, and you're done!
 - Application period each year: November 1 to February 10

ONE APPLICATION => MULTIPLE UNIVERSITIES

- Summer Research - Early Identification Program (SR-EIP)
 - <http://www.theleadershipalliance.org/programs/summer-research>
 - With one application, you can apply to three university programs within their list!
 - Institutions you can apply to: Brown, Columbia, Cornell, Dartmouth, NYU, and more.
 - Unfortunately application deadline has passed, but look out for next year!



CONFERENCES



WE CODE

- Women Engineers Code
- March 2-4, 2018
- Cambridge, MA (Harvard)
- Largest student-run women in tech conference
- Workshops, lightning talks, panels
- Sponsorship from Two Sigma, Capital One, Microsoft, AirBnB, Facebook, many more!
- <http://womenengineerscode.com/>

GRACE HOPPER

- Sept 26-28, 2018
- Houston, TX (George R. Brown Convention Center)
- Organized by Anita B.org
- Largest women in tech conference
- Lots of big companies there for interviews!
- Scholarship deadline: March 7th 5pm (ask references early!!)
- <https://ghc.anitab.org/>

TAPIA

- Sept 19-22, 2018
- ORLANDO!! (Hyatt Regency International Drive)
- Dr. Richard Tapia who is an advocate for underrepresented groups
- Student "Saturday sessions"
- Scholarship deadline: March 30th (ask references early!!)
- <http://tapiaconference.org>



SCHOLARSHIPS

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CONFERENCE SCHOLARSHIPS





MICROSOFT DIVERSITY CONFERENCE SCHOLARSHIP

- Link: <https://careers.microsoft.com/students/scholarships>
 - Application Period: March 1, 2018 – May 5, 2018
 - Paid registration + Travel, hotel, and meal stipend in the amount of \$1,200 USD
 - Covers: Tapia Conference (Sept 19 – 22, 2018 in Orlando, FL), Grace Hopper Celebration of Women in Computing (Sept 26 – 28, 2018 in Houston, TX), National Society of Black Engineers Conference (TBD), Society of Hispanic Professional Engineers Conference (Nov 7 – 11, 2018 in Cleveland, OH)

MORE!

- Google
 - Link: <https://edu.google.com/scholarships/google-travel-and-conference-grants/#!overview>
 - Application Period:Varies; check North America eligibility tab
 - Paid registration + \$500 travel, hotel reimbursement
- Facebook
 - Link: <https://www.facebook.com/careers/program/gracehopper2017/>
 - Check back soon for their 2018 season!
- Check back here periodically for more industry sponsored scholarships: <https://github.com/Ladies-Storm-Hackathons/GHC-Scholarships>



SCHOLARSHIPS FOR SCHOOL



MICROSOFT TUITION SCHOLARSHIP



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Microsoft Careers

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[Working at LinkedIn](#)

Scholarship program



MICROSOFT TUITION SCHOLARSHIP

- Link: <https://careers.microsoft.com/students/scholarships>
- Details: Receive partial tuition covered for one academic year
- Application period: Oct 25, 2017 – Feb 9, 2018
- Application requirements:
 - Enrolled in a bachelor's degree program
 - Pursing computer science, computer engineering, or a related STEM degree
 - Maintain a 3.0 cumulative grade point average out of a possible 4.0, or a 4.0 cumulative grade point average out of a possible 5.0

(ISC)² WOMEN'S AND RAYTHEON'S WOMEN IN CYBERSECURITY SCHOLARSHIPS

- Link: <https://iamcybersafe.org/scholarships/womens-scholarships/>
- Details: Receive partial tuition covered for one academic year
- Application deadline: March 1, 2018
- Application requirements:
 - Unofficial transcript
 - One letter of recommendation
 - Resume/CV
 - Statement of purpose



LOOK OUT FOR THESE IN THE FUTURE!





WOMEN FORWARD IN TECHNOLOGY SCHOLARSHIP PROGRAM

WOMEN FORWARD IN TECHNOLOGY SCHOLARSHIP PROGRAM

- Link: <https://www.distilnetworks.com/women-forward-in-technology-scholarship/>
- Details: \$3000
- Application period: March 1, 2018 – June 15, 2018
- Application requirements:
 - Written essay
 - 3.5+ GPA
 - One recommendation letter

BUILDIIUM WOMEN IN TECHNOLOGY SCHOLARSHIP

- Link: <https://www.buildium.com/women-in-technology-scholarship/>
- Details: \$2500 award per semester
- Application period: March 15, 2018 – April 15, 2018
- Application requirements:
 - Enrolled in a bachelor's degree program
 - Pursuing computer science, computer engineering, or a related STEM degree
 - Required essay and optional video supplement
 - "Tell us which female leader at a technology company inspires you, and why. She can be a CEO, a product developer, a creative director, an engineer, or anything in between. But she must be a leader in STEM."



GOOGLE WOMEN TECHMAKERS PROGRAM

GOOGLE WOMEN TECHMAKERS PROGRAM

- Link: <https://www.womentechmakers.com/scholars>
- Details: \$10,000 USD and invitation to attend Google Scholars' Retreat in Mountain View, California
- Application opens up during the fall and deadline is in December
- Application requirements:
 - General background information
 - Current resume
 - Academic transcripts from your current and prior institutions (if you have earned a prior degree)
 - Two letters of reference from a professor, instructor, adviser or supervisor
 - Responses to four essay questions



HACKATHONS

What is a Hackathon?

- Weekend long learning and creative events that "inspire innovation, cultivate communities and teach computer science skills"*

Why Should You Be Interested?

- Great opportunities for both beginners and veteran programmers to learn something new and grow through collaborative activities.

*Source: Major League Hacking



HACKATHONS: MORE INFO



<https://www.youtube.com/watch?v=qj4DQfYx2Hg>

NOW WHAT?

- **Hackathons to Keep In Mind:**
 - HackGT, KnightHacks, Swamp Hacks, **HackFSU**, Mango Hacks
 - All female-hackathons:
 - Technica and Diamondhacks in the fall
 - SheHacks and PearlHacks in the spring
- If you plan to apply for a hackathon, add your name and what you have applied for on this list.
- Collaborate with other members of ACM-W!



LET US KNOW HOW WE DID!

- **Survey link:**

- <http://bit.ly/2E34uyz>

- **Interest form:**

- <http://bit.ly/2BUlwdY>

- **Will also be posted on Facebook after our meeting!**

