

CHER SCARLETT

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EDUCATION

2026 May 2024 September	PASADENA CITY COLLEGE CLUBS: Physics & Astronomy Club, Art Club, she.codes	<i>Pasadena, CA</i>
2026 May 2024 September	SANTA BARBARA CITY COLLEGE CLUBS: $\Phi\Theta\K$, Astronomy Club, Women for Success	<i>Santa Barbara, CA</i>
2025 January 2024 January	COAST COLLEGES Orange Coast College Golden West College Coastline College MAJOR: Physics, Mathematics, & Astronomy CLUBS: $\Phi\Theta\K$, I Ξ , Astronomy & Physics Club, STEM Club, MESA GPA: 4.0; <i>With Honors</i>	<i>Orange County, CA</i>

RELEVANT COURSEWORK

Observational Solar Astronomy, Cosmology, Machine Learning for Physics and Astronomy,
Compact Objects, Geographic Information Systems, Asteroseismology of Early Type Stars

SKILLS

Programming: Python, Java, Groovy, Ruby, Go, C, Swift, Javascript, HTML/CSS, Fortran, Perl
Other: ArcGIS, JS9, DigiStar, Jupyter Notebooks, GMT, SAC

ACADEMIC EXPERIENCES

- 2024 **CALTECH | NASA EXOPLANET SCIENCE INSTITUTE (NEXSCI)**
Sagan Exoplanet Summer Workshop - Advances in Direct Imaging: From Young Jupiters to Habitable Earths
- 2024 **MIAMI UNIVERSITY | NSF | EARTHSOPE CONSORTIUM**
Seismology Skill Building Workshop
- 2024 **QUEEN'S UNIVERSITY | CERN**
The 6th Summer Particle Astrophysics Workshop (EIEIOO)
- 2024 **ARIZONA STATE UNIVERSITY | NASA**
Lucy Student Pipeline Accelerator and Competency Enabler (L'SPACE) Academy - NASA Proposal Writing and Evaluation Experience (NPWEE)

- 2024 **NASA**
NASA Community College Aerospace Scholars (NCAS)
- 2003 **FRED HUTCHINSON CANCER CENTER | UNIVERSITY OF WASHINGTON**
HutchLab | High School Human Genome Project

EMPLOYMENT EXPERIENCES

- 2024 **ORANGE COAST COLLEGE PLANETARIUM** *Costa Mesa, CA*
 May *Presenter*
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 Current

TEACHING

- 2018 **UNIVERSITY OF WASHINGTON** *Seattle, WA*
 May *Instructor: Introductory Web Development*
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 January

ENGINEERING

- 2023 **CONTROLZEE, INC** *San Jose, CA*
 April *Senior Software Engineer*
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 2022
 March
- 2021 **APPLE, INC** *Cupertino, CA*
 November *Principal Software Engineer, Global Security Tools*
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 2020
 April
- 2020 **WEBFLOW** *San Francisco, CA*
 April *Senior Software Engineer, Design System & Core Engine*
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 2019
 April
- 2019 **STARBUCKS COFFEE COMPANY** *Seattle, WA*
 April *Lead Software Engineer, Web & Mobile*
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 2017
 November
- 2017 **WORLDWIDE TECHNOLOGY** *St. Louis, MO*
 August *Senior Software Engineer*
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 2016
 August

2016	ACTIVISION BLIZZARD	Irvine, CA
August	Software Engineer, Web & Mobile	
2015		
August		
2015	USA TODAY	McLean, VA
August	Senior Developer, New and Emerging Technologies	
2011		
November		
2011	NEUTRINO, INC	Seattle, WA
November	Front End Developer	
2008		
January		
2008	LUXURYREALESTATE.COM	Seattle, WA
January	Front End Developer	
2007		
May		

AWARDS & SCHOLARSHIPS

2024	NATIONAL SCIENCE FOUNDATION	Alexandria, VA
	Scholarship in Science, Technology, Engineering, & Math (S-STEM)	
2024	JEANNETTE RANKIN FOUNDATION	Athens, GA
	Jeannette Rankin National Scholar	
2024	ORANGE COAST COLLEGE FOUNDATION	Costa Mesa, CA
	Peter Christian Hernandez Memorial Scholarship Award	

PUBLICATIONS

- Scarlett, C. (2024). Remote seismology correlation and Mount St. Helens volcanology. *Seismology Skill Building Workshop for Undergraduates*.
https://nbviewer.org/urls/www.iris.edu/hq/files/short_courses/2020/ssb/mt-rainier-seismicity.ipynb
- Scarlett, C. (2019, March 12). Creating a Spotify-powered app using Nuxt.js. *Smashing Magazine*.
<https://www.smashingmagazine.com/2019/03/spotify-app-vue-nuxt-javascript/>