

# CHER SCARLETT

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## EDUCATION

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

## RELEVANT COURSEWORK

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

## SKILLS

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Coding: Python, Java, Groovy, Ruby, PHP, Go, C, Swift, TypeScript, CSS, HTML, Fortran, Perl  
Other: ArcGIS, JS9, DigiStar, MESA, Jupyter Notebooks, GMT, SAC

## ACADEMIC EXPERIENCES

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- 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 | EARTHSCOPE 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

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- 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

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2024	NATIONAL SCIENCE FOUNDATION	Alexandria, VA
	Scholarships in Science, Technology, Engineering, & Math (S-STEM) Grant	
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

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- 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](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/>