

# 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 | 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

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

## AWARDS & SCHOLARSHIPS

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

## 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. (2024, July 29). *A case of the blues: Is Overexposure to Artificial Light Causing a Mental Health Crisis?*. Esri. <https://storymaps.arcgis.com/stories/e236a32458bb4b7db87171f6a0305d8a>
- 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/>