CHER SCARLETT

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EDUCATION

2026 May | 2024 September	**PASADENA CITY COLLEGE**	*Pasadena, CA*
	CLUBS: Physics & Astronomy Club, Art Club, she.codes, MENA	

2026 May | 2024 September	**SANTA BARBARA CITY COLLEGE**	*Santa Barbara, CA*
	CLUBS: ΦΘΚ, Astronomy Club, Women for Success	

2025 January | 2024 January	**COAST COLLEGES**	*Orange County, CA*
	Orange Coast College | Golden West College | Coastline College	
	MAJOR: Physics, Mathematics, & Astronomy	
	CLUBS: ΦΘΚ, ΙΞ, Astronomy & Physics Club, STEM Club, MESA	
	GPA: 4.0; *With Honors*	

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 | 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

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*	
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2015		
August		

2015	**USA TODAY**	*McLean, VA*
August	*Senior Developer, New and Emerging Technologies*	
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2011		
November		

2011	**NEUTRINO, INC**	*Seattle, WA*
November	*Front End Developer*	
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2008		
January		

2008	**LUXURYREALESTATE.COM**	*Seattle, WA*
January	*Front End Developer*	
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2007		
May		

Awards & Scholarships

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

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/