

CHER SCARLETT

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EDUCATION

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

RELEVANT COURSEWORK

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

SKILLS

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

- 2024 CALTECH | PASADENA CITY COLLEGE**
Simulating eXtreme Spacetimes (SXS)
Modeling Black Hole Mergers | Independent Study Research | Faculty Advisor: Maria Okounkova
- 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
 |
Current

TEACHING

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

ENGINEERING

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

August	Senior Software Engineer	
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
	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. (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/>