CHER SCARLETT

hello@cher.dev | @cherthedev | linkedin.com/in/cherscarlett | cher.dev

EDUCATION

2026
May
|
2024
September

PASADENA CITY COLLEGE — *Pasadena, CA*

CLUBS: ΑΓΣ, Physics & Astronomy Club, Art Club, she.codes, MENA, Anti-war Club

2026
May
|
2024
September

SANTA BARBARA CITY COLLEGE — *Santa Barbara, CA*

CLUBS: ΦΘΚ, Astronomy Club, Women for Success

2026
May
|
2024
January

COAST COLLEGES — *Orange County, CA*

Orange Coast College | Golden West College | Coastline College

MAJOR: Physics, Mathematics, & Astronomy

CLUBS: ΦΘΚ, ΑΓΣ, Astronomy Club (Treasurer), STEM Club (Outreach Manager), MESA, Math & Science Club (President)

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 & RESEARCH EXPERIENCES

2024

CALTECH CONNECTIONS

Advanced Technology Technician Training Program (AT3)

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 | 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
November
|
Current

CALTECH | NASA-JPL   *Pasadena, CA*

Science Communication Intern, Lunar Trailblazer Mission

2024
May
|
Current

ORANGE COAST COLLEGE PLANETARIUM   *Costa Mesa, CA*

Presenter

TEACHING

2018
May
|
January

UNIVERSITY OF WASHINGTON   *Seattle, WA*

Instructor: Introductory Web Development

ENGINEERING

2023
April
|
2022
March

CONTROLZEE, INC   *San Jose, CA*

Senior Software Engineer

2021
November
|
2020
April

APPLE, INC   *Cupertino, CA*

Principal Software Engineer, Global Security Tools

2020 *April* | **2019** *April*	**WEBFLOW** *Senior Software Engineer, Design System & Core Engine*	*San Francisco, CA*
2019 *April* | **2017** *November*	**STARBUCKS COFFEE COMPANY** *Lead Software Engineer, Web & Mobile*	*Seattle, WA*
2017 *August* | **2016** *August*	**WORLDWIDE TECHNOLOGY** *Senior Software Engineer*	*St. Louis, MO*
2016 *August* | **2015** *August*	**ACTIVISION BLIZZARD** *Software Engineer, Web & Mobile*	*Irvine, CA*
2015 *August* | **2011** *November*	**USA TODAY** *Senior Developer, New and Emerging Technologies*	*McLean, VA*
2011 *November* | **2008** *January*	**NEUTRINO, INC** *Front End Developer*	*Seattle, WA*
2008 *January* | **2007** *May*	**LUXURYREALESTATE.COM** *Front End Developer*	*Seattle, WA*

AWARDS & SCHOLARSHIPS

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

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/