
Charlie Chesney

San Francisco Bay Area
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EDUCATION

University of California, Santa Cruz - *PhD Environmental Studies*

Sustainable Technologies for GHG Mitigation

September 2020 - June 2025

University of Oxford, UK - *MSc Biodiversity, Conservation & Management*

Using Smart Contracts to Attract Conservation Investment

October 2017 - September 2018

San Francisco State University - *BSc Biology/Zoology*

August 2011 - May 2015

EXPERIENCE

Climate Corps Fellow at Earth Team; Richmond, CA - *Program Associate*

October 2019 - PRESENT

- Leads teams of high school youth towards STEM careers
- Teaches watershed, climate & sustainability curriculum
- Guides youth through research & community outreach projects

World Wildlife Fund, Panda Labs; Remote - *Blockchain Specialist*

March 2019 - PRESENT

- Facilitates the collaboration between WWF, Ecosulis & Oxford
- Researches & writes report on emerging blockchain uses for the environment
- Speaker at the Blockchain for Social Impact Coalition conference & incubator

Titans of Nuclear Podcast; Remote - *Note Taker*

August 2019 - November 2019

- Reviews & summarizes recorded podcast episodes on nuclear energy

ESGINE; Oxford, UK - *Sustainability Research Analyst*

June 2018 - January 2019

- Analyzed industry impacts on the Sustainable Development Goals
- Explored how emerging technology could efficiently direct investors towards sustainable companies

Livermore Area Recreation & Parks District; Livermore, CA - *Living Arroyos Intern*

January 2017 - June 2017

- Led urban habitat clean-up and tree planting volunteer days of 20+ participants
- Conducted biodiversity surveys
- Mitigation and restoration activities

Ventana Wildlife Society; Big Sur, CA - *California Condor Intern*

February 2016 - August 2016

- Co-managed field site & trained new intern on protocols
- Monitoring, tracking & behavior observations
- Participated in animal handling & husbandry

Yellowstone National Park; WY - *Raptor Migration Counter*

September 2015 - October 2015

- Collected raptor migration data for duration of migration season

San Francisco Zoo; CA - *Student Researcher*

February 2014 - May 2015

- Became the first student researcher at the Wellness & Conservation Center
- Recruited and trained 2 students in animal behavior research protocol development, data collection and analysis
- Managed student team on three simultaneous projects

SKILLS

Academic Writing & Conference Presentations; Quantitative & Qualitative Analytics; Biodiversity Surveys & Species Identification; Lesson Planning & Mentoring Students; Project Management & Coordination; Lean Agile Methodologies & Product Development

WRITTEN WORK

Chesney, C., Jepson, P., and John, A. (2019). [Blockchain for Nature & Society](#). WWF Panda Labs & Ecosulis, Sydney, Australia and Bath, UK.

Chesney, C., Jepson, P. (2018). [Using Smart Contracts to Attract Conservation Investment](#). University of Oxford MSc Dissertation.

Krebs, B., Torres, E., **Chesney, C.**, Kantoniemi Moon, V., Watters, J. (2017) "[Applying Behavioral Conditioning to Identify Anticipatory Behaviors](#)." Journal of Applied Animal Welfare Science 20.2: 155-75

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