CAMERON R. CUMBERLAND

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Professional Profile

Accomplished professional with experience in data analysis, project management, and diverse technical fields.

Experienced with federal grant processes and "full stack" project implementation. Thrives in a diverse and equitable professional environment.

Seeking a data-informed position that supports knowledge development through research and communication.

Education

University of Washington (Seattle, WA)
Jan. 2015 – Mar. 2017
  BA Chinese Language
  BA International Studies
FLAS Scholar 2015, Dept. of Education

America's Promise (D.C.)
May 2019 – July 2019
  Advanced Certificate in Data Science

National Security Language Initiative (Beijing)
2013 – 2014, U.S. Dept. of State

Skills

Data Analysis: Quantitative and qualitative

Languages:

  Computer: ♥Python, SQL, Bash
  Human: Mandarin (Advanced); English

Communication: Highly intuitive, diplomatic

Project Coordination: Timely & organized

Writing & Editing: Professional & polished

Self-Motivated: Driven & engaged

♥**Linux:** Administration, security, & kernel

Grant Writing: Literature review & research

Certificates

SUSE Linux Certified Administrator
  (2021 December, projected)
CITI Human Subject Research, Responsible
  Research Practice (exp. 2022)
Teaching English as Foreign Language Cert.
  (exp. 2026)

Work Experience

Data Analyst & Project Coordinator — Sept. 2019 – Present
Syracuse University — Syracuse, NY, USA (Remote)

Geotechnical Women Faculty (GTWF) Project – NSF Grant
- Wrote program documentation: yearly reports, budget justifications, and external communication
- Coordinated and managed NSF grant and sub-award program: $80,000 across 22+ universities to support career advancement of junior faculty nationwide
- Designed, programmed, and maintained project website and visualizations for publicity with Python, SQL, and WordPress/HTML

Fall 2020: Online Lab Design and Case-Study
- Created theoretical framework and procedure to monitor and evaluate student participation and engagement for online laboratory course
- Responsible for hiring and overseeing graduate research intern
- Used Python to evaluate numerical student data (grades, hours online, etc); and qualitative data using natural language processing libraries

Grant Writing, College of Engineering
- Edited and assisted with faculty proposals to NSF, Summer 2021
- Wrote request for extension and increased funding to NSF, approved March 2020
- Wrote proposal for Fall 2020 lab course, approved April 2020

Program Assistant & Analyst — June 2018 – Oct 2018
George Washington University — Washington, D.C. (Contract)

- Compiled 6 years of longitudinal program data for Office of Study Abroad and created program "Bluebook"
- Developed novel central database for budget and program prioritization of study abroad programs compiled from university departments
- Combined demographic and student feedback with program data for correlative analysis and program management

Business Consultant — March 2018 – August 2018
Beacon Hill Staffing — Washington, D.C. (Contract)

- Completed admin and customer-service tasks across short-term projects
- Provided support for a range of business models: data analysis, business communication, and organizational support

Professional Activities

Continuing Education	SUSE Linux Certification; LinkedIn Learning Certificate Courses: Linux Kernel Development, Project Management, Goal Setting
Professional Affiliations	Member, American Mandarin Society (2018-present) Member, Young China Watchers (2018-Present)
Technical Work	Contributor, openSUSE (Linux) community help "Homelab" experiments (self-hosting, LAN management, NAS, etc.)

Publications

"State of the Field: Changing Geotechnical Faculty Demographics and Recognition" in *GeoCongress 2022* (accepted June 2021)

"[Seed Grants of Change: Building Thriving Networks Among Female Geotechnical Faculty Members](#) " in *Journal of Civil Engineering Education* (March 2021)