

Kelsey Burrell

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Education

BACHELOR OF SCIENCE | ANTICIPATED GRADUATION: MAY 2019 | HUMBOLDT STATE UNIVERSITY

- Major: Environmental Resources Engineering
- Minor: Geospatial Analysis
- Related coursework: Introduction to Engineering, Statics, General Biology

ASSOCIATE OF SCIENCE | MAY 2016 | COLLEGE OF THE REDWOODS

GPA: 3.98

- Related coursework: Mechanics, Electricity & Magnetism, Optics, Chemistry I & II, Geology, Botany, Astronomy

ASSOCIATE OF MATHEMATICS | MAY 2016 | COLLEGE OF THE REDWOODS

Highest Honors

- Related coursework: Calculus I-III, Linear Algebra, Differential Equations

Related Experience

MATH TUTOR | HUMBOLDT STATE UNIVERSITY | AUGUST 2016-PRESENT

- Assists students in math comprehension using tailored explanations and problem-solving approaches

MATH TUTOR | COLLEGE OF THE REDWOODS | JANURARY 2014-AUGUST 2016

- Helped students foster mathematical reasoning, good study skills, and math confidence
- Gained experience with creative problem-solving and clear communication

CONFERENCE ATTENDEE | CALIFORNIA FOREST SOILS COUNCIL | JULY 2016

- Engaged with issues specific to Humboldt County, including water flow and storage techniques, hillslope processes, hydraulic controls on alluvial soil evolution, Eel River tectonic evolution, and the merits of biochar

Relevant Skills

SCIENTIFIC ANALYSIS AND COMMUNICATION

- Working familiarity with circuitry, water sampling, microscopy, and analyzing static and dynamic systems
- Experienced with Mathematica, Microsoft Word, Excel, and PowerPoint.
- Has received excellent feedback on technical writing and presentations

LEADERSHIP

- Intradepartmental Club Liaison, Society of Women Engineers, Humboldt State University chapter, Fall 2016
- Vice President, College of the Redwoods Math Club, Fall 2015-Spring 2016
- Vice President, College of the Redwoods Quantum Club, Summer 2015
- Volunteer Coordinator, Eureka Food Not Bombs, 2013-2015
- Has held positions as Department Manager and Shift Leader

References available upon request