

Ryan J. Erickson

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Available: June 2020

EDUCATION

| | Dates |
|-----------------------------------------------------------------------------|-----------|
| UNIVERSITY OF CALIFORNIA, SANTA BARBARA (UCSB), Santa Barbara, CA | |
| • Bachelor of Arts in Geography, Emphasis in Geographic Information Systems | June 2020 |
| • Bachelor of Arts in Physics | June 2020 |
| Chaffey Community College, Rancho Cucamonga, CA | |
| • Associate of Arts in University Studies: Mathematics and Science, IGETC | May 2017 |
| Relevant Coursework and Skills: | |
| • Remote Sensing | |
| ○ Proficient use in ENVI | |
| ○ Deep understanding of optical systems and the math behind them | |
| • Geographic Informational Science | |
| ○ Proficiency in ESRI ArcGIS at a user level | |
| ○ Experience with managing and maintaining geographic databases | |
| • Intermediate Computer Programming/Developing skills | |
| ○ Python, Matlab, Java, R, SQL, GIMP | |
| • Advanced Computer Skills | |
| ○ Microsoft Office (Word, Excel, Access) | |
| • Advanced Physics Lab – Senior Experimental Lab | |
| ○ Aided in building a simulation of muons hitting the Earth in python | |
| • Previously medically certified in EMS | |

RESEARCH EXPERIENCE

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|----------------------------------------------------------|--------------|
| • Independent Studies under Instruction from Advisor(s) | March 2020 - |
| ○ Analyzed data obtained from the NHTS | June 2020 |
| ○ Created datasets for other people to pull from and use | |
| ○ Conducted spatial statistics on raw data | |

WORK EXPERIENCE

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|-------------------------------------------------------------------------------|------------|
| • Lead Lifeguard: University of California, Santa Barbara Recreational Center | May 2018 - |
| ○ Provided medical relief | June 2020 |
| ○ Aided instructors in training new personal | |
| ○ Helped keep current lifeguards up to date on EMS skills | |
| ○ Completed advanced maintenance and cleaning duties | |
| • Lifeguard: Los Angeles Parks and Recreation, Frank G. Bonelli Park | May 2017- |
| ○ Provided advanced medical relief | June 2018 |
| ○ Enforced park rules/often had to work with emergency services | |
| ○ Aided in customer service to patrons about the park | |
| ○ Adhered to strict dress code/regulations in a workspace | |