

JAMES MCCULLOUGH

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Education

University of California, San Diego

B.S. Computer Science, B.A. Economics

Graduated: December 2018

GPA 3.537

Experience

Machine Learning for Social Sciences Lab - UC San Diego

Research Assistant – Oct. 2017 - Dec. 2018

- Developed a SOAP-based backend server with R
- Instructed team members and superiors on various web-based technologies such as HTML, XML, WSDL, Web Servers and the SOAP protocol
- Extensively researched R documentation to identify CRAN packages which were best suited to server development
- Wrote detailed technical reports and regularly presented research findings to superiors and team members during weekly meetings

Technical Skills

| <u>Languages</u> | <u>Year's Experience</u> | <u>Skill Level</u> |
|-------------------------|---------------------------------|---------------------------|
| Python, Java, C/C++ | 5+ | Advanced |
| R | 2+ | Advanced |
| HTML/CSS, SQL | 2 | Intermediate |
| JavaScript/React.js | 2 | Intermediate |

| <u>Tools</u> | <u>Year's Experience</u> | <u>Skill Level</u> |
|---------------------|---------------------------------|---------------------------|
| Git, Bash, Linux | 5+ | Advanced |
| AWS, EC2, Node.js | 1 | Beginner |
| Excel | 1 | Beginner |

Relevant Coursework

A.I. / Machine Learning, Web Mining & Recommender Systems, Algorithms & Data Structures, Networked Systems, Software Engineering, Econometrics, Macroeconomic Data Analysis