

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

- o Developed a SOAP-based backend server with R
- o Instructed team members and superiors on various web-based technologies such as HTML, XML, WSDL, Web Servers and the SOAP protocol
- o Extensively researched R documentation to identify CRAN packages which were best suited to server development
- o 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