

CHRISTIAN OKAFOR

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EDUCATION

UNIVERSITY OF CALIFORNIA || BERKELEY, CA

B.A., Applied Mathematics

August 2016

ACTUARIAL EXAMS

Exam P (Probability)

Passed July 2018

Exam FM (Financial Mathematics)

Passed Aug 2018

SKILLS & INTERESTS

Python, CSS, HTML, JavaScript

Microsoft Word/Excel

Interested in picking up: Data Visualization (D3.js, mpld3, react.js, Matplotlib), Data Pipelines (Spark/AirFlow)

EXPERIENCE

PROJECT

Personal (Resume) Website

Jun 2020 – Nov 2020

- Built a dynamic website using the React.js framework which utilized client-side scripting to render custom components (web page data) into the web page. (www.christian-okafor.com)
- Utilized Amazon Amplify and Git, to monitor, as well as push, new features/design changes to the website.

SEGAL CONSULTING || SAN FRANCISCO, CA

Actuarial Analyst

Dec 2018 – Jan 2020

- Assessed multiemployer defined benefit plan liabilities and assets for both actuarial valuations and cost forecasts.
- Assisted in maintaining quality assurance by maintaining required supporting documents and communicating with external auditors and fund administrators to ensure data accuracy.
- Worked closely with enrolled actuary and consultants to ensure effective presentation of key results.
- Assisted in the routine wrangling of Plan Data for use in valuations.

KIPP LA ACADEMY OF INNOVATION || LOS ANGELES, CA

Assistant Mathematics Teacher

Mar 2018 – Jul 2018

- Planned and implemented engaging and rigorous standard-based lessons and assessments.
- Assisted lead teacher in assessing student progress, managing student behavior, and communicating with parents to ensure an effective educational environment for students.

UT HEALTH || HOUSTON, TX

Research Assistant I (Salaried)

Mar 2017 – Aug 2017

- Utilized the SPM 12 MATLAB package to perform analyses on sequential 2D Data Matrices (PET Scans) to investigate and predict signs of microglial activity.
- Set up a (locally hosted) MySQL database of subject/patient survey scores while adhering to HIPAA regulations.
- Initiated a project to automate routine MRI scan processing overnight (done in Bash).

EXTRACURRICULARS

ZETTL CONDENSED MATTER PHYSICS LAB

Undergraduate Research Assistant

Aug 2014 – Aug 2016

- Was responsible for the synthesize and mapping of graphene flakes.
- Utilized OLS in R to test for correlations between design parameters and boundary sizes.

CALIFORNIA GOLDEN BEARS FOOTBALL TEAM

Offensive Tackle

Jan 2012 – Aug 2014

- Made a significant contribution in the 2013 season when inserted as the starter at left tackle for QB Jared Goff's blindside.
- Earned 2nd team Pac-12 Conference Academic Honors as a sophomore

SAGE MENTORSHIP PROJECT

Student Mentor

Jan 2012 – May 2014

- As a member of the SAGE Mentorship Program, I mentored and tutored 5th grade elementary students 1 on 1.